



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • [www.aqmd.gov](http://www.aqmd.gov)

10/23/19 4:17 PM

## DRAFT AGENDA

### MEETING, NOVEMBER 1, 2019

A meeting of the South Coast Air Quality Management District Board will be held at 9:00 AM, in the Auditorium at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California.

#### Questions About an Agenda Item

- The name and telephone number of the appropriate staff person to call for additional information or to resolve concerns is listed for each agenda item.
- In preparation for the meeting, you are encouraged to obtain whatever clarifying information may be needed to allow the Board to move expeditiously in its deliberations.

#### Meeting Procedures

- The public meeting of the South Coast AQMD Governing Board begins at 9:00 a.m. The Governing Board generally will consider items in the order listed on the agenda. However, any item may be considered in any order.
- After taking action on any agenda item not requiring a public hearing, the Board may reconsider or amend the item at any time during the meeting.

#### Questions About Progress of the Meeting

- During the meeting, the public may call the Clerk of the Board's Office at (909) 396-2500 for the number of the agenda item the Board is currently discussing.

The agenda and documents in the agenda packet will be made available upon request in appropriate alternative formats to assist persons with a disability. Disability-related accommodations will also be made available to allow participation in the Board meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please telephone the Clerk of the Boards Office at (909) 396-2500 from 7:00 a.m. to 5:30 p.m. Tuesday through Friday.

All documents (i) constituting non-exempt public records, (ii) relating to an item on the agenda, and (iii) having been distributed to at least a majority of the Governing Board after the agenda is posted, are available prior to the meeting for public review at the South Coast Air Quality Management District Clerk of the Board's Office, 21865 Copley Drive, Diamond Bar, CA 91765.

The Agenda is subject to revisions. For the latest version of agenda items herein or missing agenda items, check the South Coast AQMD's web page ([www.aqmd.gov](http://www.aqmd.gov)) or contact the Clerk of the Board, (909) 396-2500. Copies of revised agendas will also be available at the Board meeting.

**A webcast of the meeting is available for viewing at:**  
<http://www.aqmd.gov/home/news-events/webcast>

*Cleaning the air that we breathe...*

## **CALL TO ORDER**

- Pledge of Allegiance
- Opening Comments: William A. Burke, Ed.D., Chair  
Other Board Members  
Wayne Nastri, Executive Officer
- Presentation on Activation of Pro-Inflammatory Factors in the Brain after Chronic Brain Injury by Air Pollutants **Dr. Keith Black**
- Election of Chair for Term January 2020 – January 2022
- Election of Vice Chair for Term January 2020 – January 2022

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Staff/Phone (909) 396-

## **CONSENT CALENDAR (Items 1 through 19)**

Note: Consent Calendar items held for discussion will be moved to Item No. 20

1. Approve Minutes of October 4, 2019 Board Meeting **Garzaro/2500**
2. Set Public Hearings December 6, 2019 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations **Nastri/3131**
  - A. Determine That Proposed Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants, Is Exempt from CEQA and Adopt Proposed Rule 1480 **Nakamura/3105**

Proposed Rule 1480 establishes a process to require a facility to conduct ambient monitoring and sampling of metal toxic air contaminants if the facility meets specific criteria. The process includes an initial notice, request for information, notice of findings, and notice to designate the facility if criteria specified in the proposed rule are met. A facility that is designated will be required to submit a Monitoring and Sampling Plan and conduct ambient monitoring and sampling. The proposed rule includes an alternative monitoring and sampling provision where the facility can elect to have the South Coast AQMD conduct ambient monitoring and sampling for a fee. The proposed rule also has monitoring, reporting, and recordkeeping provisions, and provisions to reduce and cease monitoring and sampling provided certain criteria are met. This action is to adopt the Resolution: 1) Determining that Proposed Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants, is exempt from the California Environmental Quality Act and 2) Adopting Rule 1480 – Ambient Monitoring and Sampling of Metal Toxic Air Contaminants. (Reviewed: Stationary Source Committee, October 18, 2019)

**B. Determine That No New Environmental Document Is Required Under CEQA for the Contingency Measure Plan for the 1997 8-Hour Ozone Standard, and Approve Contingency Measure Plan for the 1997 8-Hour Ozone Standard**

**Rees/2856**

The South Coast Air Basin (SCAB) is classified as an Extreme nonattainment area for the 1997 8-hour ozone national ambient air quality standard (NAAQS), with an attainment date of June 15, 2024. The attainment strategy in the 2016 AQMP includes both defined measures as well as “further deployment of cleaner technologies” measures, as allowed under the federal Clean Air Act (CAA) section 182(e)(5). Under CAA requirements, development and adoption of contingency measures are required no later than 3 years before the attainment date. The Contingency Measure Plan represents a joint strategy by South Coast Air Quality Management District (South Coast AQMD) and CARB for addressing the contingency measure requirements of CAA section 182(e)(5) for the 1997 8-hour ozone NAAQS for the SCAB. This action is to: 1) Determine that the Contingency Measure Plan for the 1997 8-hour ozone standard is within the scope of the Final Program Environmental Impact Report for the 2016 AQMP such that no new environmental document is required under the CEQA Act; and 2) Approve the Contingency Measure Plan for the 1997 8-hour ozone standard. (Reviewed: Mobile Source Committee, October 18, 2019 and To Be Reviewed: November 15, 2019)

**Budget/Fiscal Impact**

**3. Establish Special Revenue Fund, Recognize Revenue and Transfer Funds, and Execute Agreements to Develop and Demonstrate Water-in-Fuel Retrofit Technology for Ocean-Going Vessels**

**Miyasato/3249**

MAN Energy Solutions USA Inc. (MAN) proposes to develop, install and demonstrate a retrofit technology to reduce NOx emissions from ocean-going vessels (OGVs). For the proposed project, the retrofit technology will be installed, tested and demonstrated on one of MSC Shipmanagement Limited Tier 2 vessels. These actions are to establish the Clean Shipping Technology Demonstration Special Revenue Fund (83), recognize up to \$1 million from San Pedro Bay Ports’ Technology Advancement Program and transfer up to \$2 million from Air Quality Investment Fund (27) into Fund 83, execute an MOU with the Ports’ for this demonstration project, and execute a contract with MAN in an amount not to exceed \$3 million to install, test and demonstrate the water-in-fuel retrofit technology for OGVs. (Reviewed: Technology Committee, October 18, 2019; Recommended for Approval)

4. Recognize Revenue, Transfer Funds, Amend Contracts for Enhanced Fleet Modernization Program and Reimburse General Fund for Administrative Costs **Miyasato/3249**

Since 2015, the South Coast AQMD has been implementing an Enhanced Fleet Modernization Program (EFMP), branded as Replace Your Ride. For FY 2018-19, CARB has allocated \$12 million in Low Carbon Transportation funds to the South Coast AQMD for the continued implementation of the EFMP. These actions are to: 1) recognize up to \$12 million for the EFMP Plus-Up Program from CARB with the terms and conditions of the grant award; 2) transfer up to \$3 million as a temporary loan from the AB 923 Fund (80); 3) approve vouchers or other alternative mobility options until all available funds are exhausted; 4) amend contracts; and 5) reimburse the General Fund for administrative costs necessary to implement the EFMP. (Reviewed: Technology Committee, October 18, 2019; Recommended for Approval)

5. Execute Agreements to Establish Endowments to Support Graduate Student Scholarship Fund **Berry/2363**

In April 2019, the Board released an RFP to solicit proposals to support university graduate student scholarships that will, in part, train students entering the workforce, along with guidance from South Coast AQMD, on the emerging issues and latest research related to air quality and climate change. This action is to execute agreements to establish one-time endowments to the National Fuel Cell Research Center at the University of California, Irvine and the California State University, Los Angeles in the amount of \$1,000,000 and \$250,000, respectively, from interest accrued in the BP ARCO Settlement Projects Fund (46). (Reviewed: Technology Committee, October 18, 2019; Recommended for Approval)

6. Approve Additional Funds for Replacement of Onboard CNG Fuel Tanks on School Buses and Authorize Execution of Grant Agreements **Berry/2363**

Since 2001, the South Coast AQMD has replaced over 1,600 pre-1994 diesel school buses, primarily with cleaner CNG school buses. The fuel tanks on these CNG school buses have a manufacturer's service life of approximately 15 years. In April 2012, the Board issued a Program Announcement using \$3 million from the Carl Moyer Program AB 923 Fund (80) for public school districts offering funding to replace onboard CNG fuel tanks on a first-come, first-served basis. Subsequently, in November 2016 and September 2017, the Board approved additional funds of \$2 million and \$3 million, respectively. These funds are nearly exhausted. These actions are to approve \$3 million from the Carl Moyer Program AB 923 Fund (80) to continue the replacement of onboard CNG fuel tanks for public school buses on a first-come, first-served basis and authorize execution of those grant agreements until funds are exhausted. (Reviewed: Technology Committee, October 18, 2019; Recommended for Approval)

7. Recognize Revenue, Appropriate Funds, and Issue Solicitations and Purchase Orders for Air Monitoring Programs **Low/2269**

South Coast AQMD expects to receive U.S. EPA Section 105 Grant funds up to \$794,261 for the FY 2020 (28th Year) PAMS Program. During the first quarter of FY 2019-20, \$54,965 has been spent on unbudgeted capital assets for replacement of air monitoring equipment, and in December 2018, the Board authorized restoration of \$222,500 from the General Fund Undesignated (Unassigned) Fund Balance in support of the criteria pollutant air monitoring network. These actions are to: 1) recognize revenue and appropriate funds when they become available for the PAMS Program; 2) appropriate funds from the General Fund Undesignated (Unassigned) Fund Balance into the District General FY 2019-20 Budget; 3) appropriate funds from the General Fund Undesignated (Unassigned) Fund Balance into Science & Technology Advancement's FY 2019-20 Budget; and 4) issue solicitations and purchase orders for air monitoring equipment. (Reviewed: Administrative Committee, October 11, 2019; Recommended for Approval)

8. Amend Contracts for Legislative Representation in Sacramento, California **Alatorre/3122**

The current contracts for legislative representation in Sacramento with Quintana, Watts and Hartmann; Joe A. Gonsalves & Son; and California Advisors, LLC expire on December 31, 2019. Based on the firms' effective performances during the second year of their current contracts, this action is to approve a second one-year extension of the contracts with these three lobbying firms in the amount of \$143,000 each for legislative lobbying services in Sacramento for Calendar Year 2020. Sufficient funding is available in the Legislative, Public Affairs & Media FY 2019-20 Budget. (Reviewed: Administrative Committee, October 11, 2019; Recommended for Approval)

9. Amend Contracts for Legislative Representation in Washington, D.C. **Alatorre/3122**

The current contracts for legislative and regulatory representation in Washington, D.C. with Kadesh & Associates, LLC, Cassidy & Associates, and Carmen Group Inc., expire on January 14, 2020. Each of these contracts includes an option for two one-year extensions. This action is to consider approval of the first one-year extension of the existing contracts for Calendar Year 2020 with Kadesh & Associates, LLC for \$226,400; Cassidy & Associates for \$216,000; and Carmen Group Inc. for \$222,090 as South Coast AQMD's legislative and regulatory representatives in Washington D.C., to further the agency's policy positions at the federal level. Sufficient funding is available in the Legislative, Public Affairs & Media FY 2019-20 Budget. (Reviewed: Administrative Committee, October 11, 2019; Recommended for Approval)

10. Approve Contract Modifications as Approved by MSRC **McCallon**

As part of their FYs 2018-21 Work Program, the MSRC approved exercising the contract option to continue technical advisor services for two additional years from January 2020 through December 2021. Also, as part of their FY 2011-12 Work Program the MSRC approved a modification to a contract under the Local Government Match Program. At this time the MSRC seeks Board approval of the contract modifications as part of the FYs 2011-12 and 2018-21 Work Programs. (Reviewed: Mobile Source Air Pollution Reduction Review Committee, October 17, 2019; Recommended for Approval)

**Action Item/No Fiscal Impact**

11. Establish Board Meeting Schedule for Calendar Year 2020 **Nastri/3131**

The proposed Board Meeting Schedule for Calendar Year 2020 is submitted for Board consideration. The meeting schedule for the Administrative Committee (second Friday of the month), as well as the other standing committees, is included for information only. (Reviewed: Administrative Committee, October 11, 2019; Recommended for Approval)

**Items 12 through 19 - Information Only/Receive and File**

12. Legislative, Public Affairs, and Media Report **Alatorre/3122**

This report highlights the September 2019 outreach activities of the Legislative, Public Affairs and Media Office, which includes: Major Events, Community Events/Public Meetings, Environmental Justice Update, Speakers Bureau/Visitor Services, Communications Center, Public Information Center, Business Assistance, Media Relations and Outreach to Business and Federal, State, and Local Government. (No Committee Review)

13. Hearing Board Report **Prussack/2500**

This reports the actions taken by the Hearing Board during the period of September 1 through September 30, 2019. (No Committee Review)

14. Civil Filings and Civil Penalties Report **Gilchrist/3459**

This reports the monthly penalties from September 1 through September 30, 2019, and legal actions filed by the General Counsel's Office from September 1 through September 30, 2019. An Index of South Coast AQMD Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, October 18, 2019)

15. Lead Agency Projects and Environmental Documents Received **Nakamura/3105**

This report provides, for the Board's consideration, a listing of CEQA documents received by the South Coast AQMD between September 1, 2019 and September 30, 2019, and those projects for which the South Coast AQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, October 18, 2019)

16. Rule and Control Measure Forecast **Fine/2239**  
This report highlights South Coast AQMD rulemaking activities and public hearings scheduled for 2019. (No Committee Review)
17. Report of RFPs/RFQs Scheduled for Release in November **Jain/2804**  
This report summarizes the RFPs/RFQs for budgeted services over \$75,000 scheduled to be released for advertisement for the month of November. (Reviewed: Administrative Committee, October 11, 2019)
18. Status Report on Major Ongoing and Upcoming Projects for Information Management **Moskowitz/3329**  
Information Management is responsible for data systems management services in support of all South Coast AQMD operations. This action is to provide the monthly status report on major automation contracts and planned projects. (Reviewed: Administrative Committee, October 11, 2019)
19. Approve Annual Report on AB 2766 Funds from Motor Vehicle Registration Fees for FY 2017-18 **Fine/2239**  
This report contains data on the AB 2766 Subvention Fund Program for FY 2017-18 as requested by CARB. This action is to approve the AB 2766 Annual Report. (Reviewed: Mobile Source Committee, October 18, 2019; Recommended for Approval)
20. Items Deferred from Consent Calendar

### **BOARD CALENDAR**

21. Administrative Committee (Receive & File) **Chair: Burke Nastri/3131**
22. Legislative Committee (Receive & File) **Chair: Mitchell Alatorre/3122**
23. Mobile Source Committee (Receive & File) **Chair: Burke Fine/2239**
24. Mobile Source Air Pollution Reduction Review Committee (Receive & File) **Board Liaison: Benoit Berry/2363**
25. Stationary Source Committee (Receive & File) **Chair: Benoit Dejbakhsh/2618**

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|-----|--|---------------------|---------------|
| 26. | Technology Committee (Receive & File)                          | Chair: Buscaino     | Miyasato/3249 |
| 27. | California Air Resources Board Monthly Report (Receive & File) | Board Rep: Mitchell | Garzaro/2500  |

### **PUBLIC HEARING**

- |     |   |               |
|-----|---|---------------|
| 28. | Certify Final Subsequent Environmental Assessment and Amend Rule 1110.2 – Emissions from Gaseous- and Liquid-Fueled Engines, and Rule 1100 – Implementation Schedule for NOx Facilities | Nakamura/3105 |
|-----|---|---------------|

The adoption Resolution of the Final 2016 AQMP directed staff to achieve additional NOx reductions and to transition the RECLAIM program to a command-and-control regulatory structure as soon as practicable. Proposed Amended Rule 1110.2 removes exemptions for internal combustion engines greater than 50 brake horsepower located at RECLAIM facilities. Engines at existing RECLAIM facilities would be required to comply with current Rule 1110.2 NOx emission limits, which represents current BARCT. Proposed Amended Rule 1110.2 incorporates optional averaging times for RECLAIM and non-RECLAIM facilities and modifies monitoring, reporting, and recordkeeping requirements. The proposed amended rule also clarifies the applicability to engines operated at remote radio transmission towers and other clarifications. Proposed Amended Rule 1100 establishes the compliance schedule for equipment at RECLAIM facilities that will be subject to Proposed Amended Rule 1110.2. This action is to adopt the Resolution: 1) Certifying the Final Subsequent Environmental Assessment for Proposed Amended Rule 1110.2 – Emissions from Gaseous- and Liquid-Fueled Engines, and Proposed Amended Rule 1100 – Implementation Schedule for NOx Facilities, and 2) Amending Rule 1110.2 – Emissions from Gaseous- and Liquid-Fueled Engines, and Rule 1100 – Implementation Schedule for NOx Facilities. (Reviewed: Stationary Source Committee, September 20, 2019)

### **PUBLIC COMMENT PERIOD** – (Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3)

### **BOARD MEMBER TRAVEL** – (*No Written Material*)

Board member travel reports have been filed with the Clerk of the Boards, and copies are available upon request.

### **CLOSED SESSION** - (*No Written Material*)

Gilchrist/3459

### **ADJOURNMENT**



**\*\*\*PUBLIC COMMENTS\*\*\***

**Members of the public are afforded an opportunity to speak on any agenda item before consideration of that item. Please notify the Clerk of the Board, (909) 396-2500, if you wish to do so. All agendas are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the meeting. At the end of the agenda, an opportunity is also provided for the public to speak on any subject within the South Coast AQMD's authority. Speakers will be limited to a total of three (3) minutes for the Consent Calendar and Board Calendar and three (3) minutes or less for other agenda items.**

**Note that on items listed on the Consent Calendar and the balance of the agenda any motion, including action, can be taken (consideration is not limited to listed recommended actions). Additional matters can be added and action taken by two-thirds vote, or in the case of an emergency, by a majority vote. Matters raised under the Public Comment Period may not be acted upon at that meeting other than as provided above.**

**Written comments will be accepted by the Board and made part of the record, provided 25 copies are presented to the Clerk of the Board. Electronic submittals to [cob@aqmd.gov](mailto:cob@aqmd.gov) of 10 pages or less including attachment, in MS WORD, PDF, plain or HTML format will also be accepted by the Board and made part of the record if received no later than 5:00 p.m., on the Tuesday prior to the Board meeting.**

**ACRONYMS**

AQ-SPEC = Air Quality Sensor Performance  
Evaluation Center

AQIP = Air Quality Investment Program

AQMP = Air Quality Management Plan

AVR = Average Vehicle Ridership

BACT = Best Available Control Technology

BARCT = Best Available Retrofit Control Technology

Cal/EPA = California Environmental Protection Agency

CARB = California Air Resources Board

CEMS = Continuous Emissions Monitoring Systems

CEC = California Energy Commission

CEQA = California Environmental Quality Act

CE-CERT = College of Engineering-Center for Environmental  
Research and Technology

CNG = Compressed Natural Gas

CO = Carbon Monoxide

DOE = Department of Energy

EV = Electric Vehicle

FY = Fiscal Year

GHG = Greenhouse Gas

HRA = Health Risk Assessment

LEV = Low Emission Vehicle

LNG = Liquefied Natural Gas

MATES = Multiple Air Toxics Exposure Study

MOU = Memorandum of Understanding

MSERCs = Mobile Source Emission Reduction Credits

MSRC = Mobile Source (Air Pollution Reduction) Review  
Committee

NATTS = National Air Toxics Trends Station

NESHAPS = National Emission Standards for  
Hazardous Air Pollutants

NGV = Natural Gas Vehicle

NOx = Oxides of Nitrogen

NSPS = New Source Performance Standards

NSR = New Source Review

OEHHA = Office of Environmental Health Hazard  
Assessment

PAMS = Photochemical Assessment Monitoring  
Stations

PEV = Plug-In Electric Vehicle

PHEV = Plug-In Hybrid Electric Vehicle

PM10 = Particulate Matter  $\leq$  10 microns

PM2.5 = Particulate Matter  $\leq$  2.5 microns

RECLAIM = Regional Clean Air Incentives Market

RFP = Request for Proposals

RFQ = Request for Quotations

RFQQ = Request for Qualifications and Quotations

SCAG = Southern California Association of Governments

SIP = State Implementation Plan

SOx = Oxides of Sulfur

SOON = Surplus Off-Road Opt-In for NOx

SULEV = Super Ultra Low Emission Vehicle

TCM = Transportation Control Measure

ULEV = Ultra Low Emission Vehicle

U.S. EPA = United States Environmental Protection  
Agency

VOC = Volatile Organic Compound

ZEV = Zero Emission Vehicle

BOARD MEETING DATE: November 1, 2019

AGENDA NO. 3

**PROPOSAL:** Establish Special Revenue Fund, Recognize Revenue and Transfer Funds, and Execute Agreements to Develop and Demonstrate Water-in-Fuel Retrofit Technology for Ocean-Going Vessels

**SYNOPSIS:** MAN Energy Solutions USA Inc. (MAN) proposes to develop, install and demonstrate a retrofit technology to reduce NO<sub>x</sub> emissions from ocean-going vessels (OGVs). For the proposed project, the retrofit technology will be installed, tested and demonstrated on one of MSC Ship management Limited Tier 2 vessels. These actions are to establish the Clean Shipping Technology Demonstration Special Revenue Fund (83), recognize up to \$1 million from San Pedro Bay Ports' Technology Advancement Program and transfer up to \$2 million from Air Quality Investment Fund (27) into Fund 83, execute an MOU with the Ports for this demonstration project, and execute a contract with MAN in an amount not to exceed \$3 million to install, test and demonstrate the water-in-fuel retrofit technology for OGVs.

**COMMITTEE:** Technology, October 18, 2019; Recommended for Approval

**RECOMMENDED ACTIONS:**

1. Establish the Clean Shipping Technology Demonstration Special Revenue Fund (83) for the purpose of implementing clean shipping projects;
2. Recognize, upon receipt, up to \$1 million from San Pedro Bay Ports' Technology Advancement Program into the Clean Shipping Technology Demonstration Special Revenue Fund (83);
3. Transfer up to \$2 million from Air Quality Investment Fund (27)-Rule 1111 into the Clean Shipping Technology Demonstration Special Revenue Fund (83);
4. Authorize the Executive Officer to execute an MOU with the Ports of Long Beach and Los Angeles to accept their \$1 million cost-share for the water-in-fuel retrofit technology project; and

5. Authorize the Chairman to execute a contract with MAN Energy Solutions USA Inc. to install, test and demonstrate the water-in-fuel retrofit technology for ocean-going vessels in an amount not to exceed \$3 million from the Clean Shipping Technology Demonstration Special Revenue Fund (83).

Wayne Nastri  
Executive Officer

MMM:NB:JI:MW

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### **Background**

The 2016 AQMP identified the need to achieve significant NOx reductions to meet the federal 8-hour ozone standards. By 2023 ocean-going vessels (OGVs) are expected to be one of the largest sources of NOx emissions, and a recent forecast showed a very limited number of Tier 3 vessel calls at the San Pedro Bay Ports over the next seven to ten years.

Building an OGV requires significant capital investment, and OGVs are designed to remain in service for 25 years or more. Only vessels built after 2016 are required to meet the Tier 3 engine standard, so engine retrofit technologies are a promising strategy to achieve NOx reductions beyond existing regulations, especially for older vessels. Development and demonstration of retrofit technologies and associated incentive programs could encourage vessel operators to explore these emissions reduction options.

Water-in-fuel retrofit technology is a process where water is mixed with the fuel to reduce peak temperatures during the combustion process. This technology has been successfully demonstrated in a laboratory setting to reduce NOx emissions on two-stroke engines. The Ports of Los Angeles and Long Beach (San Pedro Bay Ports), through their Technology Advancement Program (TAP), are committed to cost-sharing this retrofit demonstration project.

### **Proposal**

MAN Energy Solutions USA Inc. (MAN) will develop, test and demonstrate the water-in-fuel retrofit technology on a two-stroke main OGV engine, with a goal of achieving up to 40% NOx reduction from a Tier 2 engine at a lower engine load. The majority of OGVs entering our ports at around 40 nautical miles participate in a voluntary vessel speed reduction (VSR) program. The demonstration will be focused on water-in-fuel ratio to ensure combustion stability and minimize fuel penalty and loss of power at a lower engine load within the VSR zone. MSC Ship management Limited has identified two OGVs for this project, both of which are equipped with main engines developed by MAN; one will be selected for the demonstration. After the completion of

demonstration, MAN plans to obtain CARB's approval and apply for an Executive Order for this retrofit technology.

These actions are to establish the Clean Shipping Technology Demonstration Special Revenue Fund (83), recognize up to \$1 million from the San Pedro Bay Ports' TAP and transfer up to \$2 million from Air Quality Investment Fund (27) into Fund 83, execute an MOU with the Ports' TAP for this demonstration project, and execute a contract with MAN in an amount not to exceed \$3 million to install, test and demonstrate the water-in-fuel retrofit technology for OGVs.

### **Sole Source Justification**

Section VIII.B.2 of the Procurement Policy and Procedure identifies four major provisions under which a sole source award may be justified. This request for sole source award is made under provision B.2.c(1): the unique experience and capabilities of the proposed contractor or contractor team; and B.2.c(2): project involves the use of proprietary technology. MAN is one of the largest marine engine developers in the world and the technology being developed by MAN is proprietary and applicable to their engines.

### **Benefits to South Coast AQMD**

The South Coast Air Basin is classified as an "extreme" nonattainment area for ozone under the federal Clean Air Act. NOx emissions reduction retrofit technologies for older OGVs are essential for helping achieve air quality standards. The technology, upon successful demonstration and CARB approval, may be used as an option for new voluntary incentive programs.

### **Resource Impacts**

The estimated cost for this project is \$3,200,000, with \$1,000,000 in revenue being recognized from the San Pedro Bay Ports' TAP. The South Coast AQMD's \$2,000,000 cost-share will be transferred from the Air Quality Investment Fund (27) into a new special revenue fund (Fund 83), where the TAP's funding will also be recognized. The contract with MAN will not exceed \$3 million. Proposed project cost-share is shown in the table below:

**Proposed Project Funding Sources**

<b>Funding Source</b>	<b>Funding Amount</b>	<b>Percent</b>
MAN (in-kind)	\$200,000	6
Port of Los Angeles*	\$500,000	16
Port of Long Beach*	\$500,000	16
South Coast AQMD ( <i>requested</i> )	\$2,000,000	62
<b>Total</b>	<b>\$3,200,000</b>	<b>100</b>

\*The Ports have committed to provide the funds and are in process to obtain a formal approval

BOARD MEETING DATE: November 1, 2019

AGENDA NO. 4

**PROPOSAL:** Recognize Revenue, Transfer Funds, Amend Contracts for Enhanced Fleet Modernization Program and Reimburse General Fund for Administrative Costs

**SYNOPSIS:** Since 2015, the South Coast AQMD has been implementing an Enhanced Fleet Modernization Program (EFMP), branded as Replace Your Ride. For FY 2018-19, CARB has allocated \$12 million in Low Carbon Transportation funds to the South Coast AQMD for the continued implementation of the EFMP. These actions are to: 1) recognize up to \$12 million for the EFMP Plus-Up Program from CARB with the terms and conditions of the grant award; 2) transfer up to \$3 million as a temporary loan from the AB 923 Fund (80); 3) approve vouchers or other alternative mobility options until all available funds are exhausted; 4) amend contracts; and 5) reimburse the General Fund for administrative costs necessary to implement the EFMP.

**COMMITTEE:** Technology, October 18, 2019; Recommended for Approval

**RECOMMENDED ACTIONS:**

1. Recognize, upon receipt, up to \$12 million from CARB (Grant #G18-PLUS-01) into the HEROS II Special Revenue Fund (56) for the EFMP Plus-Up Program.
2. Transfer up to \$3 million as a temporary loan from the AB 923 Fund (80) into the HEROS II Special Revenue Fund (56) to fund vouchers or other alternative mobility options of the EFMP program until the CARB funding has been received.
3. Authorize the Executive Officer to accept terms and conditions of the FY 2018-19 EFMP Plus-Up grant award and approve vouchers or other alternative mobility options for the continued implementation of the plus-up incentives until all funds are exhausted.
4. Authorize the Executive Officer to amend contracts for continued support of the EFMP as follows:
  - a. Add \$350,000 to Clean Fuel Connection Inc. contract from the administrative portion of the HEROS II Special Revenue Fund (56); and
  - b. Add \$300,000 to Foundation for California Community Colleges contract from the administrative portion of the HEROS II Special Revenue Fund (56).

5. Reimburse the General Fund up to \$1.2 million (or up to 10% of the grant award) from the HEROS II Special Revenue Fund (56) as authorized by the grant agreement for administrative costs necessary to implement the EFMP.

Wayne Natri  
Executive Officer

MMM:NB:VW

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### **Background**

Since 2015, the South Coast AQMD has been implementing an Enhanced Fleet Modernization Program (EFMP), branded as Replace Your Ride, which is authorized by the AB 118 California Alternative and Renewable Fuel, Vehicle Technology, Clean Air, and Carbon Reduction Act of 2007 (Health and Safety Code Sections 44124-44127). The South Coast AQMD's Replace Your Ride Program is a vehicle retire and replacement program, which provides incentives to lower income motorists to scrap and replace their older, high-emitting vehicles with newer, cleaner models or other clean transportation options. The EFMP Plus-Up, which has been primarily funded through the Low Carbon Transportation Greenhouse Gas Emission Reduction Fund (GGRF), provides additional funds for qualified vehicle owners that reside in disadvantaged communities.

Since its inception, the South Coast AQMD has provided funding for the replacement of over 5,100 older passenger vehicles with newer fuel-efficient conventional vehicles, hybrid electric vehicles, plug-in hybrid electric vehicles and dedicated electric vehicles. Approximately 93 percent of the vouchers to date have been issued to participants residing in disadvantaged communities. The South Coast AQMD also maintains a user-friendly website and recently added new case managers to assist the number of participants with completing and submitting applications for the program.

For FY 2018-19, CARB has allocated the South Coast AQMD a total of \$12 million from the Low Carbon Transportation GGRF to continue implementation of the EFMP Plus-Up Program. This grant includes reimbursement of administrative costs up to 10% of the total grant award to implement the EFMP Plus-Up Program.

### **Proposal**

These actions are to recognize up to \$12 million from CARB for the EFMP Plus-Up Program into the HEROS II Special Revenue Fund (56); transfer up to \$3 million as a temporary loan, as needed, from the AB 923 Fund (80) to the HEROS II Special Revenue Fund (56) to fund vouchers or other alternative mobility options in the EFMP Plus-Up program until the CARB funding is received; and to authorize the Executive Officer to accept terms and conditions of the grant award and approve vouchers or other

alternative mobility options for this program until all available funds are exhausted. The additional funding for FY 2018-19 will enable the continuation of this program for qualifying lower income motorists and provide additional benefits to disadvantaged communities.

The South Coast AQMD receives assistance from three contractors who provide case management support for the Replace Your Ride Program. Funding for two of the contractors is nearly fully expended. Additional funds are needed to ensure continued assistance with program implementation from Clean Fuel Connection Inc. (CFCI) and the Foundation for California Community Colleges (FCCC). This action is to authorize the Executive Officer to amend the contracts with CFCI by adding up to \$350,000 and FCCC by adding up to \$300,000 from the administrative portion of the HEROS II Special Revenue Fund (56).

This action is to also reimburse the General Fund up to \$1.2 million (up to 10% of the grant award) from the HEROS II Special Revenue Fund (56) as authorized by the grant agreement for administrative and outreach costs necessary to implement the program.

#### **Benefits to South Coast AQMD**

The Replace Your Ride Program will continue to provide incentives to qualifying lower income vehicle owners including those residing in disadvantaged communities, thereby providing emissions reduction benefits to these communities.

#### **Resource Impacts**

CARB funding (Grant #G18-PLUS-01) up to \$12 million, upon receipt, for the FY 2018-19 EFMP Plus-Up Program will be recognized into the HEROS II Special Revenue Fund (56) for continued implementation of this program. The temporary loan of \$3 million from the AB 923 Fund (80) to the HEROS II Fund (56) will be used to fund vouchers or other alternative mobility options until the \$12 million of CARB funding has been received. Funding for the contract amendments with CFCI and FCCC totaling \$650,000 is available from the administrative portion of the FY 2018-19 EFMP Plus-Up grant. The transfer of funds from the HEROS II Special Revenue Fund (56) to reimburse the General Fund for administrative costs will not exceed \$1.2 million.

BOARD MEETING DATE: November 1, 2019

AGENDA NO. 5

**PROPOSAL:** Execute Agreements to Establish Endowments to Support Graduate Student Scholarship Fund

**SYNOPSIS:** In April 2019, the Board released an RFP to solicit proposals to support university graduate student scholarships that will, in part, train students entering the workforce, along with guidance from South Coast AQMD, on the emerging issues and latest research related to air quality and climate change. This action is to execute agreements to establish one-time endowments to the National Fuel Cell Research Center at the University of California, Irvine and the California State University, Los Angeles in the amount of \$1,000,000 and \$250,000, respectively, from interest accrued in the BP ARCO Settlement Projects Fund (46).

**COMMITTEE:** Technology, October 18, 2019; Recommended for Approval

**RECOMMENDED ACTION:**

Authorize the Chairman to execute agreements to establish one-time endowments to support graduate student scholarships from interest accrued in the BP ARCO Settlement Projects Fund (46), as follows:

- a. \$1,000,000 to the National Fuel Cell Research Center at the University of California, Irvine; and
- b. \$250,000 to the California State University, Los Angeles.

Wayne Nastri  
Executive Officer

MMM:NB:JI:SH

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**Background**

The South Coast AQMD has supported research and education in the fields of emission reductions, air quality, and clean energy to support our mission. In April 2019, the Board approved release of RFP (#P2019-18) to solicit proposals to support university graduate student scholarships that will, in part, train students entering the workforce, with guidance from South Coast AQMD, on emerging issues and the latest research related to air quality and climate change. Relevant areas of study will include, in part: emissions and air quality impacts, health impacts of air pollution, climate change



impacts, sustainable transportation and energy, and improving policy to achieve clean air standards and stabilize GHG emissions.

### **Outreach**

In accordance with South Coast AQMD Procurement Policy and Procedure, a public notice advertising the RFP and inviting bids was published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County's Press Enterprise newspapers to leverage the most cost-effective method of outreach to the Basin.

Additionally, potential bidders may have been notified utilizing South Coast AQMD's own electronic listing of certified minority vendors. Notice of the RFP was emailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associates, and placed on the Internet at South Coast AQMD's website (<http://www.aqmd.gov>).

### **Bid Evaluation**

Proposals were received from the National Fuel Cell Research Center at the University of California, Irvine (NFCRC at UCI) and the California State University, Los Angeles (CSULA) by the June 5, 2019 closing date. Both proposals met the technical merits of the RFP, complement existing South Coast AQMD funding portfolios and will meet policy objectives.

Based on the evaluation criteria in the RFP, priority was placed on research capability and experience that aid in achieving South Coast AQMD's air quality goals. Ten additional points could also be awarded to proposals where the scholarship program would integrate into an existing program(s) with a successful track record and national level laboratories. The evaluation scores are shown below.

<b>Applicant</b>	<b>Points</b>
NFCRC at UCI	93.3
CSULA	83.0

### **Panel Composition**

The evaluation panel consisted of three South Coast AQMD staff: one Air Quality Specialist, one Senior Public Affairs Manager and one Atmospheric Measurements Manager. Of the three panelists, one is Asian-Pacific Islander, one is Hispanic and one is Caucasian; two are male and one is female.

### **Proposal**

This action is to execute agreements for one-time endowments to the NFCRC at UCI and CSULA.

UCI has extensive experience conducting research through the NFCRC, has significant training capabilities and is well equipped to train students entering the workforce on the emerging issues and latest research related to emissions and air quality impacts, health impacts of air pollution, climate change and sustainable transportation. UCI has proposed that the “Samuelson Energy Visionary Scholarship” be managed by the UCI Foundation, which is a charitable organization. The NFCRC will commit time and resources to establish the scholarship and its policies and procedures for determining the scholarship award winners.

CSULA has extensive experience conducting research, including projects with Argonne National Labs, and training and mentoring students in the design of hybrid vehicles and working with NASA’s Data Intensive Research and Education Center in STEM. Through these programs, students receive research and training opportunities at the Jet Propulsion Laboratory, NASA, the National Renewable Energy Laboratory, Los Alamos National Lab and partner universities (University of New Mexico and Arizona State). Students also partner with local clean air and transportation partners such as LA Cleantech Incubator, Proterra and numerous others. CSULA provides a comprehensive current sustainability and climate change curriculum. The College of Engineering, Computer Science and Technology includes coursework that corresponds to South Coast AQMD-related topics across every department. Currently, curriculum on criteria pollutant emissions and air quality and health impacts of air pollution are offered through coursework in the departments of Geology, Biology and Political Science.

This program will be overseen by an advisory board consisting of representatives from South Coast AQMD, potential other cofunding organizations, and the awarded universities, which will provide guidance for the relevant topics for research and coursework and recommendations for program management and effectiveness.

### **Benefits to South Coast AQMD**

The proposed endowments could result in significant benefits for South Coast AQMD. Specifically, the endowments will provide opportunities for enhanced candidate pools for technical, policy and health effects positions at South Coast AQMD, as well as opportunities to partner on issues related to energy production and management, mobile source emissions characterization and control, related health impacts, and planning and control strategy implementation.

### **Resource Impacts**

The agreements with the NFCRC at UCI and CSULA will not exceed \$1,000,000 and \$250,000, respectively. There are sufficient funds in the BP ARCO Settlement Projects Fund (46), which was established to fund projects and programs related to air pollution mitigation, research, public outreach and education, and other projects to help improve air quality in the jurisdiction of the South Coast AQMD.

BOARD MEETING DATE: November 1, 2019

AGENDA NO. 6

**PROPOSAL:** Approve Additional Funds for Replacement of Onboard CNG Fuel Tanks on School Buses and Authorize Execution of Grant Agreements

**SYNOPSIS:** Since 2001, the South Coast AQMD has replaced over 1,600 pre-1994 diesel school buses, primarily with cleaner CNG school buses. The fuel tanks on these CNG school buses have a manufacturer's service life of approximately 15 years. In April 2012, the Board issued a Program Announcement using \$3 million from the Carl Moyer Program AB 923 Fund (80) for public school districts offering funding to replace onboard CNG fuel tanks on a first-come, first-served basis. Subsequently, in November 2016 and September 2017, the Board approved additional funds of \$2 million and \$3 million, respectively. These funds are nearly exhausted. These actions are to approve \$3 million from the Carl Moyer Program AB 923 Fund (80) to continue the replacement of onboard CNG fuel tanks for public school buses on a first-come, first-served basis and authorize execution of those grant agreements until funds are exhausted.

**COMMITTEE:** Technology, October 18, 2019; Recommended for Approval

**RECOMMENDED ACTIONS:**

1. Approve \$3 million from the Carl Moyer Program AB 923 Fund (80) to continue the replacement of onboard CNG fuel tanks for public school buses; and
2. Authorize the Chairman to execute grant agreements on a first-come, first-served basis until funds are exhausted to continue the replacement of onboard CNG fuel tanks on public school buses that are between 14 and 16 years old, under the existing open Program Announcement (#PA2012-16).

Wayne Nasti  
Executive Officer

**Background**

Since the commencement of the Lower-Emission School Bus Program in 2001, the South Coast AQMD has spent about \$280 million in state and local funds to replace over 1,600 highly polluting diesel school buses with alternative fuel buses and retrofit over 3,000 diesel school buses with particulate traps. The fuel tanks on the CNG school buses have a manufacturer's service life of approximately 15 years and must be replaced in order to continue operating the CNG buses. In April 2012, the Board issued Program Announcement #PA2012-16 using \$3 million from the Carl Moyer Program AB 923 Fund (80) to fund on a first-come, first-served basis the replacement of onboard CNG fuel tanks on public school buses that are between 14 and 16 years old. Subsequently, in November 2016 and September 2017, the Board approved additional funds of \$2 million and \$3 million, respectively, from the same funding source to continue the onboard CNG tank replacement program for public school districts. Due to continued high demand for tank replacements, there is a need for additional funding.

**Proposal**

These actions are to approve an additional \$3 million from the Carl Moyer Program AB 923 Fund (80) and authorize execution of grant agreements to continue the replacement of onboard CNG fuel tanks on public school buses that are between 14 and 16 years old. Per the Lower-Emission School Bus Guidelines issued by CARB, a maximum of \$20,000 per bus can be funded for onboard CNG tank replacements. This funding will cover 150 buses at public school districts and will be used to fund applications received in response to the open Program Announcement #PA2012-16 on a first-come, first-served basis until all funds are exhausted.

**Benefits to South Coast AQMD**

Replacement of expiring CNG fuel tanks with new tanks will enable school districts to continue operating the CNG buses and help them continue to provide clean transportation for school children.

**Resource Impacts**

There are sufficient funds available in the Carl Moyer Program AB 923 Fund (80).

BOARD MEETING DATE: November 1, 2019

AGENDA NO. 7

**PROPOSAL:** Recognize Revenue, Appropriate Funds, and Issue Solicitations and Purchase Orders for Air Monitoring Programs

**SYNOPSIS:** South Coast AQMD expects to receive U.S. EPA Section 105 Grant funds up to \$794,261 for the FY 2020 (28th Year) PAMS Program. During the first quarter of FY 2019-20, \$54,965 has been spent on unbudgeted capital assets for replacement of air monitoring equipment, and in December 2018, the Board authorized restoration of \$222,500 from the General Fund Undesignated (Unassigned) Fund Balance in support of the criteria pollutant air monitoring network. These actions are to: 1) recognize revenue and appropriate funds when they become available for the PAMS Program; 2) appropriate funds from the General Fund Undesignated (Unassigned) Fund Balance into the District General FY 2019-20 Budget; 3) appropriate funds from the General Fund Undesignated (Unassigned) Fund Balance into Science & Technology Advancement's FY 2019-20 Budget; and 4) issue solicitations and purchase orders for air monitoring equipment.

**COMMITTEE:** Administrative, October 11, 2019; Recommended for Approval

**RECOMMENDED ACTIONS:**

1. Recognize revenue, upon receipt, and appropriate funds in the amount of \$404,261 (\$390,000 was previously included in Salaries & Employee Benefits within the FY 2019-20 Budget) for the U.S. EPA Section 105 Grant for the 28th Year PAMS Program into Science & Technology Advancement's (STA) (Org 47) FYs 2019-20 and/or 2020-21 Budgets, Services and Supplies and Capital Outlays Major Objects, as set forth in Table 1.
2. Appropriate \$54,965 from the General Fund Undesignated (Unassigned) Fund Balance to the District General FY 2019-20 Budget, Capital Outlays Major Object, Capital Outlays Account (unbudgeted capital assets), to restore funds used to replace air monitoring equipment.
3. Appropriate \$222,500 from the General Fund Undesignated (Unassigned) Fund Balance to the STA FY 2019-20 (Org 44) Budget, Capital Outlays Major Object, Capital Outlays Account, for the replacement of criteria pollutant network equipment listed in Table 2.

4. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue "Prior Bid, Last Price" purchase orders or a solicitation(s), as needed, followed by a purchase order for the equipment listed in Table 2, as follows:
  - a. Up to eight gas dilution systems in an amount not to exceed \$178,000; and
  - b. Up to five ozone monitors in an amount not to exceed \$44,500.
5. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue sole source or "Prior Bid, Last Price" purchase orders, or a solicitation(s), as needed, followed by a purchase order, for the equipment listed in Table 3, as follows:
  - a. Up to two portable gas dilution systems in an amount not to exceed \$25,000;
  - b. Up to two NO/NOx monitors in an amount not to exceed \$25,000;
  - c. Up to three Teledyne API Model T701H Zero (Pure) Air Generators in an amount not to exceed \$25,000; and
  - d. One Thermo ISQ-EC Mass Spectrometer and associated equipment in an amount not to exceed \$90,000.
6. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue sole source purchase orders with FluxSense, Inc., in an amount not to exceed \$120,700 for instrument installation and related services and supplies.

Wayne Natri  
Executive Officer

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## **Background**

### **PAMS Program**

In February 1993, the U.S. EPA promulgated the PAMS regulations for areas classified as serious, severe or extreme nonattainment. These regulations require the South Coast AQMD to conduct monitoring for ozone precursors with enhanced monitoring equipment at multiple sites. The PAMS Program also funds the meteorological upper air stations located at LAX and Ontario airports, along with Irvine and Moreno Valley. Since the onset of the PAMS Program, the U.S. EPA has annually allocated Section 105 Grant funds in support of this requirement.

### **Budget**

The Draft FY 2018-19 Budget request included replacement instruments for gaseous measurements in the amount of \$445,000. During the FY 2018-19 Annual Budget review process, the Board directed staff to reduce budgeted expenditures to achieve a balanced budget with the understanding that the reductions could be restored if necessary as a mid-year FY 2018-19 budget adjustment dependent on the year end

FY 2017-18 financial results. This included reducing the \$445,000 allocation for equipment to \$222,500. In the December 2018 Board letter, the Board approved the restoration of \$3,611,776 to the FY 2018-19 Budget including \$222,500 for the replacement of instruments for gaseous measurements. The December Board letter did not include an action to authorize issuing solicitations and/or purchase orders for these instruments. In addition, the adopted FY 2019-20 Budget included \$75,000 for unbudgeted capital assets to provide for unforeseen needed equipment.

### MATES V

Since January 2018, the South Coast AQMD has been conducting monitoring at ten fixed locations as part of MATES V. The main purpose of MATES V is to characterize long-term regional air toxics levels in residential and commercial areas. However, the majority of the fixed-site MATES V monitoring is not intended to provide real-time data, nor target “hot spots” near major pollution sources. Thus, advanced technologies were deployed to complement fixed-site monitoring and conduct enhanced air toxics measurements at local scales with a focus on EJ communities near refineries. In November 2017, the Board authorized purchase orders to FluxSense, Inc., in an amount not to exceed \$1,300,000 for remote sensing measurement equipment and related services and supplies in FYs 2017-18 and 2018-19, but not all of these purchases were initiated by June 30, 2019.

### **Proposal**

#### PAMS Program

The estimated U.S. EPA Section 105 Grant for the 28th Year PAMS Program funding is \$794,261 based on the 27th Year PAMS Program funding levels. This action is to recognize revenue, upon receipt, and appropriate a portion of the estimated funds in the amount of \$404,261 (with the remainder of \$390,000 already included in Salaries and Employee Benefits within the FY 2019-20 Budget) into the Services and Supplies and Capital Outlays Major Objects in STA’s FYs 2019-20 and/or 2020-21 Budgets, as set forth in Table 1. The U.S. EPA concurs with staff’s proposed allocation.

#### Budget

During the first quarter of FY 2019-20, \$54,965 was spent on capital assets for the replacement of air monitoring equipment. This action is to appropriate \$54,965 from the General Fund Undesignated (Unassigned) Fund Balance to the District General FY 2019-20 Budget, Capital Outlays Major Object, Capital Outlays Account (unbudgeted capital assets), to restore these funds for potential future use. In addition, because there was no authorization to purchase the replacement of instruments for gaseous measurements in the December 2018 Board letter, this action is to appropriate \$222,500 and authorize the purchase of air monitoring equipment as set forth in Table 2.

## Proposed Purchases and Purchasing Methods

### *Gas Dilution Systems*

U.S. EPA requires the measurement of criteria pollutants at multiple sites. Periodic calibration of the air monitors is required to meet U.S. EPA quality control criteria. Gas dilution systems are necessary to provide a known concentration of gas standard required for the calibration of air monitoring equipment. The current gas dilution systems are greater than ten years old and are in need of replacement. The approximate cost for up to eight gas dilution systems is \$178,000 (see Table 2). The purchase will be made by "Prior Bid, Last Price" or through a solicitation process, as needed, followed by issuance of a purchase order(s).

### *Ozone Monitors*

U.S. EPA requires the measurement of ozone for areas in non-attainment. South Coast AQMD operates a network of 28 ozone monitors to obtain data regarding public exposure to air contaminants. Many of the ozone monitors have been replaced, but the remaining five instruments are greater than ten years old and are in need of replacement. The approximate cost for up to five ozone monitors is \$44,500 (see Table 2). The purchase will be made by "Prior Bid, Last Price" or through a solicitation process, as needed, followed by issuance of a purchase order(s).

### *Portable Gas Dilution Systems*

U.S. EPA's PAMS Program requires the measurement of ozone precursors with enhanced monitoring equipment at multiple sites. Periodic calibration of the air monitors is required to meet U.S. EPA quality control criteria. Gas dilution systems are necessary to provide a known concentration of gas standard required for the calibration of air monitoring equipment. The current gas dilution systems are greater than ten years old and are in need of replacement. The purchase order will be made by "Prior Bid, Last Price" or through an informal solicitation, if necessary, as allowed by the South Coast AQMD's Procurement Policy and Procedure which authorizes informal bids for equipment under \$25,000. The estimated cost for two gas dilution systems is approximately \$25,000.

### *NO/NO<sub>x</sub> Monitors*

PAMS requirements include monitoring for NO/NO<sub>x</sub> as a means of determining nitrogen dioxide (NO<sub>2</sub>). The estimated cost of a NO/NO<sub>x</sub> monitor is \$12,500. The purchase will be made by "Prior Bid, Last Price" or through an informal solicitation, if necessary, as allowed by the South Coast AQMD's Procurement Policy and Procedure which authorizes informal bids for equipment under \$25,000. The estimated cost for up to two NO/NO<sub>x</sub> monitors is approximately \$25,000.



### *Zero Air Generators*

Zero air generators are necessary to deliver contaminant-free air required for the operation of air monitoring equipment in support of PAMS measurement and audit requirements. The purchase will be made by “Prior Bid, Last Price” or through an informal solicitation, if necessary, as allowed by the South Coast AQMD’s Procurement Policy and Procedure which authorizes informal bids for equipment under \$25,000. The estimated cost for up to three zero air generators is approximately \$25,000.

### *Mass Spectrometer*

Ultra High Performance Liquid Chromatography (UHPLC) is used to detect several analytes of interest under the PAMS Program. This mass spectrometer will be connected to the laboratory’s existing UHPLC. It will allow for the deconvolution of co-eluting compounds and assist with the identification of unknown contaminants. This will result in a higher quality of data and aid in the troubleshooting of any future sampling issues. The estimated cost for one Thermo ISQ-EC mass spectrometer and associated equipment is \$90,000 and is available from only one source.

### MATES V

This action is to authorize the Procurement Manager to issue the remaining purchase orders with FluxSense, Inc., in an amount not to exceed \$120,700 in FY 2019-20 to complete the installation of the optical remote sensing equipment and related services and supplies.

### **Sole Source Justification**

Section VIII.B.3 of the South Coast AQMD’s Procurement Policy and Procedure identifies four major provisions under which a sole source award may be justified when funded in whole or in part with federal funds. Requests for sole source purchases from Thermo Fisher Scientific Inc. is made under Section VIII.B.3.a. The item is only available from one source. The mass spectrometer sold by Thermo Fisher Scientific Inc. is the only mass spectrometer that will work with the laboratory’s current Thermo UHPLC and associated instrumental software.

### **Resource Impacts**

The U.S. EPA Section 105 Grant funding will support the operation of the PAMS Program and fund Capital Outlays, Supplies and Services, and Salaries and Employee Benefits to meet necessary objectives of the Program. Upon approval of this Board letter, sufficient funding will be available in the FY 2019-20 Budget.

### **Attachments**

- Table 1: Proposed 28th Year PAMS Expenditures for FYs 2019-20 and/or 2020-21
- Table 2: Proposed STA Capital Outlay Expenditures for FY 2019-20
- Table 3: Proposed PAMS Capital Outlay Expenditures for FYs 2019-20 and/or 2020-21

**Table 1**  
**Proposed 28th Year PAMS Expenditures for FYs 2019-20 and/or 2020-21**

<b>Account Description</b>	<b>Account Number</b>	<b>Program Code</b>	<b>Estimated Expenditure</b>
<b>Services &amp; Supplies Major Object:</b>			
Rents & Leases Equipment	67300	47530	\$500
Rents & Leases Structure	67350	47530	8,000
Professional and Special Services: Data Management and Analysis	67450	47530	18,100
Professional and Special Services: Relocate, Calibrate & Certify PAMS Auto-GC	67450	47530	22,000
Temp Agency Services	67460	47530	5,000
Demurrage Expenses	67550	47530	10,000
Maintenance of Equipment	67600	47530	70,000
Building Maintenance	67650	47530	9,000
Travel	67800	47530	5,000
Communications	67900	47530	1,973
Laboratory Supplies	68050	47530	57,000
Office Expense	68100	47530	5,000
Small Tools, Instruments, Equipment	68300	47530	21,688
Training	69500	47530	6,000
<b>Total Services &amp; Supplies Major Object:</b>			<b>\$239,261</b>
<b>Capital Outlays Major Object:</b>			
Portable Gas Dilution Systems (Up to 2)	77000	47530	\$25,000
NO/NOx Monitors (Up to 2)	77000	47530	25,000
Zero (Pure) Air Generator (Up to 3)	77000	47530	25,000
LC Mass Spectrometer	77000	47530	90,000
<b>Total Capital Outlays Major Object:</b>			<b>\$165,000</b>
<b>FY 2019-20 and/or FY 2020-21 Appropriations</b>			<b>\$404,261</b>

\*\$390,000 was previously included in Salaries & Employee Benefits within the FY 2019-20 Budget.

**Table 2**  
**Proposed STA Capital Outlay Expenditures for FY 2019-20**

<b>Description</b>	<b>Qty</b>	<b>Estimated Amount</b>	<b>Contracting Method</b>
Gas Dilution Systems	Up to 8	\$178,000	'Prior Bid, Last Price' or Solicitation
Ozone Monitors	Up to 5	\$44,500	'Prior Bid, Last Price' or Solicitation
<b>Total</b>		<b>\$222,500</b>	

Note: Quantities in Table 2 and 3 may be adjusted as monitoring needs are identified (not to exceed total estimated amount)

**Table 3**  
**Proposed PAMS Capital Outlay Expenditures for FYs 2019-20 and/or 2020-21**

<b>Description</b>	<b>Qty</b>	<b>Funding Source</b>	<b>Estimated Amount</b>	<b>Contracting Method</b>
Portable Gas Dilution Systems	Up to 2	PAMS 28th Year	\$25,000	'Prior Bid, Last Price' or Solicitation
NO/NOx Monitors	Up to 2	PAMS 28th Year	\$25,000	'Prior Bid, Last Price' or Solicitation
Teledyne API Model T701H Zero (Pure) Air Generators	Up to 3	PAMS 28th Year	\$25,000	'Prior Bid, Last Price' or Solicitation
Thermo ISQ-EC Mass Spectrometer and Associated Equipment	1	PAMS 28th Year	\$90,000	Sole Source
<b>Total</b>			<b>\$165,000</b>	

Note: Budgeted in Capital Outlays Major Object in Table 1

BOARD MEETING DATE: November 1, 2019

AGENDA NO. 8

**PROPOSAL:** Amend Contracts for Legislative Representation in Sacramento, California

**SYNOPSIS:** The current contracts for legislative representation in Sacramento with Quintana, Watts and Hartmann; Joe A. Gonsalves & Son; and California Advisors, LLC expire on December 31, 2019. Based on the firms' effective performance during the second year of their current contracts, this action is to approve a second one-year extension of the contracts with these three lobbying firms in the amount of \$143,000 each, for legislative lobbying services in Sacramento for Calendar Year 2020. Sufficient funding is available in the Legislative, Public Affairs & Media FY 2019-20 Budget.

**COMMITTEE:** Administrative, October 11, 2019; Recommended for Approval

**RECOMMENDED ACTIONS:**

1. Authorize the Chairman to execute a one-year extension of the contract with Quintana, Watts and Hartmann at the current contract amount of \$143,000;
2. Authorize the Chairman to execute a one-year extension of the contract with Joe A. Gonsalves & Son at the current contract amount of \$143,000; and
3. Authorize the Chairman to execute a one-year extension of the contract with California Advisors, LLC at the current contract amount of \$143,000.

Wayne Natri  
Executive Officer

DJA:PC:jns

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**Background**

As a leading air quality agency in California and an innovative leader in developing emission reduction programs, the South Coast AQMD is an important contributor to the policy discussions and activities in Sacramento. It is important to ensure that the South Coast AQMD's input continues to be conveyed in a timely and meaningful manner, and that the South Coast AQMD is involved in the day-to-day policy discussions in

Sacramento in order to promote and achieve cleaner air, both through policy development and through obtaining sufficient funding to implement the 2016 AQMP and other needed air quality programs and projects.

In 2019, the lobbying firms of Quintana, Watts and Hartmann, Joe A. Gonsalves & Son, and California Advisors, LLC professionally represented the South Coast AQMD in Sacramento and performed at a very high level.

The South Coast AQMD has benefited from its continued association with Quintana, Watts and Hartmann. The firm's Principal, David Quintana, has a professional history which spans over 20 years, with extensive expertise in a wide range of issue areas. Mr. Quintana served as a Legislative Director in the State Senate and as a Consultant for the Senate Committee on Public Safety. He has extensive experience in numerous sectors, including environmental, energy, tribal issues, labor, finance, education, and high-tech/social media. He currently specializes in legislative advocacy on transportation, environmental, and energy issues. Mr. Quintana is able to employ effective strategies that fit South Coast AQMD's needs. Consequently, his firm has special capabilities that will help ensure that South Coast AQMD efforts with respect to the California Legislature and others are the most effective to garner support for South Coast AQMD's funding and policy needs for the 2016 AQMP.

Joe A. Gonsalves & Son is a Sacramento lobbying firm with decades of experience and strong ties to legislators on both sides of the aisle, as well as many cities throughout the state, including several within the South Coast AQMD's jurisdiction. With over 30 years of experience, the firm's principals are well-respected and knowledgeable on many local and statewide issues. They also work well with both Democratic and Republican Governors and their Administrations. During multiple occasions, while representing the South Coast AQMD, this consulting team has secured access for staff and Board Members to legislators and key staff at critical junctures. They consistently demonstrate creativity in providing solutions and alternatives to legislative challenges to help facilitate the South Coast AQMD's ability to achieve its clean air mission and support the 2016 AQMP.

Will Gonzalez, principal of California Advisors, LLC, has over 17 years of legislative and political experience. In 2002 he established his own firm, Gonzalez Public Affairs, which specialized in legislative advocacy on transportation, environmental, and energy issues and prided itself on policy expertise and close bipartisan relationships. The firm achieved significant legislative victories for its clients including securing millions in state transportation funding, helping pass sweeping renewable energy laws, and spearheading efforts to reform state procurement. As a Legislative Director in the state Legislature, Mr. Gonzalez helped secure over \$180 million in state funding for compressed natural gas transit buses and for innovative air quality programs to help the Sacramento region meet its conformity requirements. Upon leaving the Legislature,

Mr. Gonzalez joined and lobbied on behalf of a major motor company and the Alliance of Automobile Manufacturers in California and twelve other western states. He is credited with securing state grants and tax incentives for electric and alternative fuel vehicles worth over \$140 million. Mr. Gonzalez has a comprehensive understanding of both politics and policy and an extensive history of successfully representing the South Coast AQMD's policy interests in Sacramento. He and his firm are able to effectively represent the South Coast AQMD and pursue its funding needs and policy priorities in Sacramento, with the Legislature, Governor and state agencies, as needed.

Throughout the year, the three firms have closely coordinated with the South Coast AQMD and each other to advance the Board's interests and policies. With great effectiveness and in coordination with South Coast AQMD staff, they have moved the Board's legislative agenda forward by meeting with legislators and staff, testifying in committees, and keeping South Coast AQMD's Legislative Committee and staff apprised of the latest developments in Sacramento. They have successfully negotiated bill language with legislative offices and committee staff and, when necessary, worked to have bills held in committee or otherwise not move forward if they were detrimental to the Board's legislative/policy positions.

The three firms have also worked closely with staff to ensure that the South Coast AQMD was strategically aware of the policy and political considerations related to pending legislative proposals. The constant communication among the firms and staff was essential in ensuring that correct messaging was communicated to Sacramento legislators and staff, as well as the Governor's Office in a timely fashion. Their diligent efforts and ability to gather and communicate key information in a highly time-sensitive atmosphere were critical to supporting the South Coast AQMD's interests.

Cumulatively, during the 2019 state legislative year, the three consultant firms skillfully contributed to legislative efforts that led to South Coast AQMD budgetary and legislative successes, including the following:

- 1) Securing \$50 million in statewide monies (primarily from the Greenhouse Gas Reduction Fund (GGRF)) for local air districts to fund implementation of community air monitoring systems and community emission reduction programs, mandated by state law [AB 617(Garcia)] in 2017, with a significant portion of those funds to be directed to the South Coast region;
- 2) Securing \$245 million in AB 617 related incentive funding from the GGRF to be awarded to local air districts statewide to facilitate co-benefit criteria pollutant emission reductions. These funds will help accelerate the turnover of older, polluting medium- and heavy-duty vehicles to cleaner ones.

- 3) Extensive activity, including outreach to stakeholders and state electeds' offices, providing political strategic advice to South Coast AQMD staff, and other efforts focused on moving SB 732 (Allen) through the state Legislature. This bill, currently a 2-year bill, is sponsored by the South Coast AQMD and seeks authorization from the Legislature to create a voting district in the South Coast region to allow local funding measures to be placed on a regional ballot that would give the community the opportunity to decide if they want to invest in clean air and address climate change; and
- 4) Securing amendments to at least 5 state bills in line with clean air priorities.

The three firms worked together to create an efficient and effective consultant team for the South Coast AQMD. Their policy and political insights inform the South Coast AQMD and strengthen its presence, creditability, and ability to support the Board's policy priorities and pursue funding needs in Sacramento. At this critical point in time, it is important that the momentum and political and stakeholder partnerships continue in the coming year as we continue to work towards successful outcomes pertaining to air quality related legislation and funding proposals, consistent with the South Coast AQMD's mission and policy goals, including implementation of the 2016 AQMP.

### **Proposal**

The contracts with the three firms expire on December 31, 2019, respectively. Staff is highly satisfied with the performance of the three firms and recommends that the Board retain them for Calendar Year 2020.

The present contracts have options for two one-year extensions that may be exercised at the Board's discretion, pursuant to the original RFP. This proposal is to approve the second one-year extension for each of the contracts.

### **Resource Impacts**

The Legislative, Public Affairs & Media Budget for FY 2019-20 contains sufficient funds for this action.

BOARD MEETING DATE: November 1, 2019

AGENDA NO. 9

**PROPOSAL:** Amend Contracts for Legislative Representation in Washington, D.C.

**SYNOPSIS:** The current contracts for legislative and regulatory representation in Washington D.C. with Kadesh & Associates, LLC, Cassidy & Associates, and Carmen Group Inc., expire on January 14, 2020. Each of these contracts includes an option for two one-year extensions. This action is to consider approval of the first one-year extension of the existing contracts for Calendar Year 2020 with Kadesh & Associates, LLC for \$226,400; Cassidy & Associates for \$216,000; and Carmen Group Inc. for \$222,090 as South Coast AQMD's legislative and regulatory representatives in Washington D.C., to further the agency's policy positions at the federal level. Sufficient funding is available in the Legislative, Public Affairs & Media FY 2019-20 Budget.

**COMMITTEE:** Legislative, October 11, 2019; Recommended for Approval

**RECOMMENDED ACTIONS:**

Authorize the Chairman to execute contract extensions with 1) Kadesh & Associates for \$226,400; 2) Cassidy & Associates, Inc. for \$216,000; and 3) Carmen Group, Inc. for \$222,090, for legislative consulting services in Washington, D.C. for one year beginning on January 15, 2020, with an option for up to one one-year renewal, upon satisfactory performance, at the Board's discretion.

Wayne Natri  
Executive Officer

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**Background**

After a competitive request for proposals process in 2018, the Board selected Kadesh & Associates, LLC, Cassidy & Associates, and the Carmen Group Inc., for legislative and regulatory representation in Washington, D.C. for one year beginning on January 15, 2019, with an option for up to two one-year renewals, upon satisfactory performance, at



the Board's discretion. Each of the three one-year contracts will expire on January 14, 2020; however, each agreement includes an option for two one-year extensions.

The firms have been effective in working with the Board and staff to maintain a continued and noticeable presence to advance the Board's agenda for federal legislative and regulatory issues. They have effectively organized meetings with the Administration, Congressional Members and staff, industry, environmental and health organizations and other stakeholders. These meetings have strengthened South Coast AQMD's presence and ability to provide information to policymakers in Washington, D.C. The consultants planned and helped facilitate Governing Board Member and staff trips to Washington, D.C. in February and September 2019. South Coast AQMD met with the Administration, key Congressional Members and staff, industry and health organizations on the Cleaner Trucks Initiative, rollback of Corporate Average Fuel Economy Standards and the revocation of the California Waiver, as well as appropriations for the Diesel Emission Reduction Act program (DERA), Targeted Airshed Grants, Section 103/105 and other funding programs. The federal consultants also assisted in educating the South Coast AQMD Congressional Delegation and key Members of Congress on attainment issues related to the federal government doing its fair share to reduce emissions from mobile sources to improve public health for the residents of the South Coast region.

In June 2019, there was an effort to increase funding for the DERA program by redirecting funds from the Targeted Airshed Grants program. The consultants in coordination with South Coast AQMD Executive Management and staff were able to educate key Congressional offices on the importance of Targeted Airshed Grants which provide funding to extreme and severe nonattainment regions to reduce ozone and particulate matter. These efforts prevented a reduction in funding available through the Targeted Airshed Grants program. Further, the appropriations levels for DERA and Targeted Airshed Grants were increased in the proposed Fiscal Year 2020 Senate Appropriations bill.

Additionally, the consultants have worked well to create well-rounded, strategic relationships for South Coast AQMD by consistently updating our Southern California Congressional Delegation, hosting Business Roundtables, and targeted meetings with health organizations and industry groups such as the U.S. Chamber of Commerce. These relationships have elevated South Coast AQMD's ability to communicate critical information to decisionmakers in Washington, D.C.

The consultants have represented South Coast AQMD well and continued representation in Washington, D.C. is necessary to further the agency's policy objectives in the future. The key items on the agenda for South Coast AQMD in 2020 are attainment issues related to the Clean Air Act and increased federal support in terms of funding and regulations to reduce emissions from federal sources of air pollution.

South Coast AQMD also must maintain a strong presence in Washington, D.C. because the Surface Transportation bill is on the horizon and discussions are ongoing.

It is critical that South Coast AQMD be involved in policy development relating to federal air quality legislation, federal Clean Air Act implementation, subvention funding, and special grants, and that all these issues and any other related matters are closely monitored. Therefore, staff recommends continued direct representation and advocacy of South Coast AQMD's policy positions on environmental issues in Washington, D.C.

### **Proposal**

Staff recommends retaining Kadesh & Associates, LLC, Cassidy & Associates, and Carmen Group Inc., for Calendar Year 2020, given their successful efforts in 2019 and the ability to build upon them in the coming year. Continuity of representation will help build on past relationships and policy initiatives to increase the successful outcomes of South Coast AQMD policy objectives going forward.

Pursuant to the original contract, the Board has discretion to exercise options for the two one-year extensions. This proposal is to approve the first one-year extension for all three consulting contracts.

### **Resource Impacts**

The Legislative, Public Affairs, and Media Budget for FY 2019-2020 has sufficient funds for legislative advocacy in Washington D.C.

BOARD MEETING DATE: November 1, 2019

AGENDA NO. 10

PROPOSAL: Approve Contract Modifications as Approved by MSRC

SYNOPSIS: As part of their FYs 2018-21 Work Program, the MSRC approved exercising the contract option to continue technical advisor services for two additional years from January 2020 through December 2021. Also, as part of their FY 2011-12 Work Program the MSRC approved a modification to a contract under the Local Government Match Program. At this time the MSRC seeks Board approval of the contract modifications as part of the FYs 2011-12 and 2018-21 Work Programs.

COMMITTEE: Mobile Source Air Pollution Reduction Review, October 17, 2019;  
Recommended for Approval

RECOMMENDED ACTIONS:

1. Exercise option clause to extend contract with Raymond Gorski for technical advisor services an additional two years until December 31, 2021, increasing the contract value in an amount not to exceed \$363,300, as described in this letter and with the funding allocated as follows:
  - a. 75% of the contract value increase (\$272,475) to be allocated as part of the FYs 2018-21 Work Program; and
  - b. 25% of the contract value increase (\$90,825) to be divided between the FY 2019-20 Administrative Budget (\$22,706), the FY 2020-21 Administrative Budget (\$45,413), and the FY 2021-22 Administrative Budget (\$22,706);
2. Approve modified contract with City of Bellflower, substituting the installation of five Level II EV charging stations for two Level III charging stations, as part of approval of the FY 2011-12 Work Program, as described in this letter;
3. Authorize MSRC to adjust contract awards up to five percent, as necessary and previously granted in prior work programs; and
4. Authorize the Chairman of the Board to execute the modified contracts under the FYs 2011-12 and 2018-21 Work Programs, as described above and in this letter.

Larry McCallon  
Chair, MSRC

## **Background**

In September 1990, Assembly Bill 2766 was signed into law (Health & Safety Code Sections 44220-44247) authorizing the imposition of an annual \$4 motor vehicle registration fee to fund the implementation of programs exclusively to reduce air pollution from motor vehicles. AB 2766 provides that 30 percent of the annual \$4 vehicle registration fee subvented to the South Coast AQMD be placed into an account to be allocated pursuant to a work program developed and adopted by the MSRC and approved by the Board.

## **Proposals**

At its October 17, 2019 meeting, the MSRC considered recommendations from its MSRC-TAC and approved the following:

### **Exercise Option Clause of Technical Advisor's Contract**

Following an open RFP process in 2017 to solicit Technical Advisor services, the MSRC selected Raymond Gorski. The contract was for \$350,000 for an initial period from October 1, 2017 through December 31, 2019, and included an option clause for a two-year term extension. The option clause provided for an approximate 3.8% cost of living adjustment for a not-to-exceed contract amount of \$363,000. The MSRC evaluated Mr. Gorski's performance and approved exercising the option, extending the contract term to December 31, 2021 and increasing the contract value by \$363,000. Funding specifics for the option period are to be as follows:

- a. 75% of the contract value increase (\$272,475) to be allocated as part of the FYs 2018-21 Work Program; and
- a. 25% of the contract value increase (\$90,825) to be divided between the FY 2019-20 Administrative Budget (\$22,706), the FY 2020-21 Administrative Budget (\$45,413), and the FY 2021-22 Administrative Budget (\$22,706);

### **Local Government Match Program**

As part of the FY 2011-12 Local Government Match Program, the MSRC approved an award of \$270,000 to the City of Bellflower to install fifteen Level II EV charging stations. Subsequently, the project was modified to the installation of two Level III (fast charge) stations, with a corresponding value decrease to \$100,000. The contract then lapsed, but at the City's request the MSRC and South Coast AQMD Board approved the issuance of a new replacement contract. The City has since realized that the power supply at their new parking structure will not accommodate the specified Level III stations. The City requested to substitute the installation of five Level II stations for the two Level III stations. The MSRC considered and approved the City's requested contract modification.

At this time, the MSRC requests the SCAQMD Board to approve the contract modifications as part of approval of the FY 2011-12 and 2018-21 AB 2766 Discretionary Fund Work Programs as outlined above. The MSRC also requests the Board to authorize the SCAQMD Chairman of the Board the authority to execute all agreements described

in this letter. The MSRC further requests authority to adjust the funds allocated to each project specified in this Board letter by up to five percent of the project's recommended funding. The Board has granted this authority to the MSRC for all past Work Programs.

**Resource Impacts**

The SCAQMD acts as fiscal administrator for the AB 2766 Discretionary Fund Program (Health & Safety Code Section 44243). Money received for this program is recorded in a special revenue fund (Fund 23) and the contracts specified herein will be drawn from this fund.

BOARD MEETING DATE: November 1, 2019

AGENDA NO. 11

REPORT: Establish Board Meeting Schedule for Calendar Year 2020

SYNOPSIS: The proposed Board Meeting Schedule for Calendar Year 2020 is submitted for Board consideration. The meeting schedule for the Administrative Committee (second Friday of the month), as well as the other standing committees, is included for information only.

COMMITTEE: Administrative, October 11, 2019; Recommended for Approval

**RECOMMENDED ACTION:**

Adopt the attached Resolution establishing the 2020 Board Meeting Schedule.

Dr. William A. Burke, Chair  
Administrative Committee

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**Calendar Year 2020 Board Meeting Schedule**

<b>MONTH</b>	<b>DATE</b>	<b>START TIME</b>
January: .....	January 10* .....	9:00 a.m –
February: .....	February 7 .....	9:00 a.m –
March: .....	March 6 .....	9:00 a.m –
April: .....	April 3 .....	9:00 a.m –
May: .....	May 1 .....	9:00 a.m –
June: .....	June 5 .....	9:00 a.m –
July: .....	July 10* .....	9:00 a.m –
September: .....	September 4 .....	9:00 a.m –
October: .....	October 2 .....	9:00 a.m –
November: .....	November 6 .....	9:00 a.m –
December: .....	December 4 .....	9:00 a.m –

\*January and July meetings scheduled for 2<sup>nd</sup> Friday of the month, to accommodate New Year's Day (January 1<sup>st</sup>) and Independence Day (July 4<sup>th</sup>) holidays.

**Attachments**

1. Resolution
2. Proposed 2020 Meeting Schedule for Governing Board and Standing Committees

RESOLUTION NO. 19-\_\_\_\_\_

**A Resolution of the South Coast Air Quality Management District  
Governing Board setting the time and place of regular meetings.**

WHEREAS, the regular meetings of the South Coast Air Quality Management District Governing Board have been established by Resolution in the past, and

WHEREAS, the Governing Board is establishing the regularly scheduled meetings for Calendar Year 2020.

NOW, THEREFORE, BE IT RESOLVED that, effective January 2020, the regular meetings of the Governing Board shall be held at 9:00 a.m. on the first Friday of each month, except for January and July to accommodate holidays and August where there is no meeting scheduled, in the Auditorium at the South Coast Air Quality Management District Headquarters, 21865 Copley Dr., Diamond Bar, California.

Dated:\_\_\_\_\_

\_\_\_\_\_  
Denise Garzaro, Clerk of the Boards

## South Coast AQMD Governing Board & Standing Committees

### Proposed 2020 Meeting Schedule

<b>GOVERNING BOARD</b>	<b>STANDING COMMITTEES</b>				
	<b>Legislative</b> Time – 9:00 a.m.	<b>Administrative</b> Time – 10:00 a.m.	<b>Mobile Source</b> Time – 9:00 a.m.	<b>Stationary Source</b> Time – 10:30 a.m.	<b>Technology</b> Time – 12:00 p.m.
January 10*	January 17	January 17	January 24	January 24	January 24
February 7	February 14	February 14	February 21	February 21	February 21
March 6	March 13	March 13	March 20	March 20	March 20
April 3	April 10	April 10	April 17	April 17	April 17
May 1	May 8	May 8	May 15	May 15	May 15
June 5	June 12	June 12	June 19	June 19	June 19
July 10*	July 17	July 17	July 24	July 24	July 24
August	<b>DARK</b>				
September 4	September 11	September 11	September 18	September 18	September 18
October 2	October 9	October 9	October 16	October 16	October 16
November 6	November 13	November 13	November 20	November 20	November 20
December 4	December 11	December 11	No Meeting	No Meeting	No Meeting

\*Second Friday of the month to accommodate holiday.



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BOARD MEETING DATE: November 1, 2019

AGENDA NO. 12

REPORT: Legislative, Public Affairs and Media Report

SYNOPSIS: This report highlights the September 2019 outreach activities of the Legislative, Public Affairs and Media Office, which includes Major Events, Community Events/Public Meetings, Environmental Justice Update, Speakers Bureau/Visitor Services, Communications Center, Public Information Center, Business Assistance, Media Relations, and Outreach to Community Groups and Federal, State, and Local Governments.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:  
Receive and file.

Wayne Nastri  
Executive Officer

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## **BACKGROUND**

This report summarizes the activities of the Legislative, Public Affairs and Media Office for September 2019. The report includes: Major Events; Community Events/Public Meetings; Environmental Justice Update; Speakers Bureau/Visitor Services; Communications Center; Public Information Center; Business Assistance; Media Relations; and Outreach to Community Groups and Governments.

## **MAJOR EVENTS (HOSTED AND SPONSORED)**

Each year South Coast AQMD staff engage in holding and sponsoring a number of major events throughout the South Coast AQMD's four county areas to promote, educate and provide important information to the public regarding reducing air pollution, protecting public health, and improving air quality and the economy.

### **September 21**

Staff hosted a National Drive Electric Week event at South Coast AQMD headquarters in Diamond Bar. Staff demonstrated clean vehicle choices including hydrogen fuel cell and battery electric vehicles to provide hands-on education to attendees about the functions of alternative fuel vehicles. Attendees included members of the public, government officials, public fleet managers, and dealership representatives.

### **COMMUNITY EVENTS/PUBLIC MEETINGS**

Each year South Coast AQMD staff engage with thousands of residents, providing valuable information about the agency, incentive programs and ways individuals can help reduce air pollution through events and meetings sponsored solely by South Coast AQMD or in partnership with others. Attendees typically receive the following information:

- Tips on reducing their exposure to smog and its health effects;
- Clean air technologies and their deployment;
- Invitations or notices of conferences, seminars, workshops and other public events;
- South Coast AQMD incentive programs;
- Ways to participate in South Coast AQMD's rules and policy development; and
- Assistance in resolving air pollution-related problems.

South Coast AQMD staff attended and/or provided information and updates at the following events:

### **September 12**

Staff exhibited at the 11th Annual Green & Health Expo, Filipino American Chamber of Commerce of Orange County in Garden Grove to provide attendees with information about South Coast AQMD programs, air quality issues and how to report air quality complaints.

### **September 14**

Staff participated in Charge Up LA: Drive Electric Event at the L.A. Fire Department Training Center in Los Angeles. Staff shared information about South Coast AQMD, air quality, electric vehicle options and electric vehicle incentive programs.

Staff participated in the National Drive Electric Week - Watts event at Markham Middle School in Los Angeles to speak with residents and community groups about clean vehicle options. Staff displayed a hydrogen fuel cell vehicle. In addition, staff provided information on South Coast AQMD, air quality issues, residential incentive programs and how to file an air quality complaint.

**September 19**

Staff represented South Coast AQMD at the Center for Environmental Research and Technology (CE-CERT) StratosShare Launch Event ribbon cutting ceremony in Riverside to support education and marketing of advanced technology vehicles. Attendees included elected officials, government representatives, and city staff.

**September 20-21**

Staff exhibited at the South Coast AQMD booth at the Route 66 Crusin' Reunion in Ontario to demonstrate and educate the community about clean air vehicles. Staff had battery electric and hydrogen fuel vehicles on display.

**September 21**

Staff attended the Drive Electric Event in Palm Desert to provide information about South Coast AQMD, air quality issues, clean air vehicles and how to report air quality complaints through the 1-800- CUT-SMOG program.

Staff participated in the Sole Food event at Jurupa Valley High School to increase awareness about South Coast AQMD and air quality issues. Staff provided information about South Coast AQMD, air quality issues, and how to file an air quality complaint.

Staff exhibited at the Quemetco Resource Fair in Hacienda Heights. Staff provided information on South Coast AQMD, including the iPhone and Android apps and the 1-800 CUT- SMOG line to report air quality complaints.

**September 22**

Staff exhibited a booth at the Monterey Park National Electric Drive Week event to share information about clean air choice vehicles, residential incentive programs, the South Coast AQMD iPhone and Android app and how to file an air quality complaint. A clean air vehicle was also displayed.

Staff attended the Inland Empire Drive Electric event in San Bernardino to provide information about South Coast AQMD Clean Choice Vehicles, residential and commercial lawn and garden incentive programs and residential electric vehicle charging equipment rebates. The event was attended by community residents, community groups, and staff from other government agencies.

**September 28**

Staff exhibited at the Los Angeles Congress of Neighborhoods Meeting at Los Angeles City Hall and provided information about air quality, the South Coast AQMD iPhone and Android apps, Commercial Lawn & Garden Incentive programs, Replace Your Ride and EV Charging Station Rebates. Attendees included representatives from Neighborhood Councils and city staff.

## **ENVIRONMENTAL JUSTICE UPDATE**

The following are key environmental justice-related activities in which staff participated throughout the month of September 2019. These events involve communities affected disproportionately from adverse air quality impacts.

### **September 12**

Staff held the fifth Annual Environmental Justice Conference titled, “Building Alliances & Progressive Solutions” in Los Angeles. The Conference featured South Coast AQMD Chairman Dr. William Burke and Board Members Mayor Judith Mitchell and Senator Vanessa Delgado (Ret.), as well as a screening of the Right to Breathe video. Attendees also participated in four breakout sessions and a main plenary session focused on AB 617. There were almost 340 attendees representing communities, non-profits, environmental and health organizations, government, academia, industry and other interested stakeholders.

### **September 25**

The third Environmental Justice Inter-Agency Task Force meeting was held at the California Community Foundation. Participants included representatives from various organizations including: Los Angeles County Department of Public Health, City of Los Angeles Sanitation Department, Department of Toxic Substances Control, Pacoima Beautiful, Neighborhood Council Sustainability Alliance and others. The group discussed progress on Year 1 goals and potential goals for Year 2, among other topics.

A community tour was conducted for AB 617 community of San Bernardino/Muscoy. The tour was attended by 24 attendees including AB 617 Community Steering Committee Members and staff from CARB and South Coast AQMD. The tour focused on air quality issues related to warehouses, the effects of goods movement on neighborhoods, and other community concerns.

## **SPEAKERS BUREAU/VISITOR SERVICES**

South Coast AQMD regularly receives requests for staff to speak on air quality-related issues from a wide variety of organizations, such as trade associations, chambers of commerce, community-based groups, schools, hospitals and health-based organizations. South Coast AQMD also hosts visitors from around the world who meet with staff on a wide range of air quality issues.

#### **September 4**

A delegation from the Environmental Protection Bureau in Taichung City in Taiwan visited South Coast AQMD. Staff presented information on South Coast AQMD, regional air quality issues, and rules development and implementation. The visit also included a tour of the laboratory and clean air vehicles and fueling/charging stations.

#### **September 24**

Representatives from the Zhejiang Department of Ecological Environment in China visited South Coast AQMD. Staff presented information on South Coast AQMD including rules development, permitting, and compliance and enforcement. The visit also included a tour of the laboratory and clean air vehicles and fueling/charging stations.

#### **September 27**

A group of students in the Environmental Engineering Laboratory from California State Polytechnic University, Pomona, visited South Coast AQMD. Staff presented information on South Coast AQMD, the history of air pollution, progress made in improving air quality and clean air technologies. The visit also included a tour of the laboratory and clean air vehicles and fueling/charging stations.

### **COMMUNICATION CENTER STATISTICS**

The Communication Center handles calls on South Coast AQMD's main line, the 1-800-CUT-SMOG® line, the Spanish line, and after-hours calls to each of those lines. Total calls received in the months of September were:

Calls to South Coast AQMD's Main Line and 1-800-CUT-SMOG® Line	3,453
Calls to South Coast AQMD's Spanish-language Line	17
Calls to Clean Air Connections	<u>5</u>
Total Calls	3,475

### **PUBLIC INFORMATION CENTER STATISTICS**

The Public Information Center (PIC) handles phone calls and walk-in requests for general information. Information for the month of September is summarized below:

Calls Received by PIC Staff	157
Calls to Automated System	<u>777</u>
Total Calls	934

Visitor Transactions	197
Email Advisories Sent emails	15,859

## **BUSINESS ASSISTANCE**

South Coast AQMD notifies local businesses of proposed regulations so they can participate in the agency's rule development process. South Coast AQMD also works with other agencies and governments to identify efficient, cost-effective ways to reduce air pollution and shares that information broadly. Staff provides personalized assistance to small businesses both over the telephone and via on-site consultation, as summarized below:

- Provided permit application assistance to 177 companies
- Processed 49 Air Quality Permit Checklists

Types of businesses assisted:

Auto Body Shops	Gas Stations	Furniture Refinishing Facilities
Auto Repair Centers	Restaurants	Construction Firms
Printing Facilities	Plating Facilities	Architecture Firms
Manufacturing Facilities	Dry Cleaners	Engineering Firms

## **MEDIA RELATIONS**

The Media Office handles all South Coast AQMD outreach and communications with television, radio, newspapers and all other publications and media operations.

Total Media Inquiries: 25

Press Releases: 3

Air Quality Advisories Issued: 5

### **Major Media Topics for September**

- SAFE Vehicles Rules — Inside EPA and the California Environmental Insider requested a copy of the presentation given to U.S. EPA's Office of Management and Budget on the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule.
- ZEV Mandate— CalMatters asked questions about California potentially losing its Zero-Emission Vehicle (ZEV) mandate.
- SB 732—Whittier Daily News inquired about the status of SB 732.
- Shore Power for Container Vessels—World Cargo News asked for information regarding calculations for cargo generators and shore emissions.
- Devil's Gate—The La Cañada Valley Sun, Outlook Newspapers asked for updates on Devil's Gate and requested copies of violations issued to the facility.
- Burn Permits and Marijuana—The Desert Sun asked whether South Coast AQMD has any role in regulating burns performed by law enforcement on marijuana or other contraband and requested burn authorization logs for 2018.
- FCEV Vehicles—Auto Futures asked for information on South Coast AQMD's views on fuel cell electric vehicles (FCEV).

- AQ SPEC—KQED conducted an interview on the AQ-SPEC program and pros and cons of low cost monitors.
- AB 617/CERPS—The San Bernardino Sun conducted an interview on AB 617 and more specifically, the San Bernardino/Muscoy Community Emissions Reduction Plan (CERP).
- Revocation of California Waiver — Telemundo asked for a statement regarding the administration's revocation of the California Waiver.
- Electric Vehicle Rebates (AB 40) —The Associated Press asked for a comment on AB 40.
- Warehouses in Inland Empire—The Los Angeles Times asked for information on the increase in warehouses being built near communities and their impacts on air quality and public health.
- U.S. EPA Letter to CARB—The Associated Press, Sacramento Bee and Bloomberg news conducted interviews on the letter from U.S. EPA asking for the withdrawal of SIPs and threatening sanctions. The L.A. Times also requested a copy of our statement on this issue.
- AllenCo—The L.A. Times and Courthouse News asked for confirmation of leaks at AllenCo, and requested copies of any notices of violations the facility had been issued.
- Burning Diesel Fuel —The L.A. Daily News asked about diesel fuel burning at the Sun Valley station of the Los Angeles Department of Water & Power.
- Scholl Canyon Landfill—The Occidental Newspaper asked for a comment on the decision not to expand the Scholl Canyon Landfill.

### **News Releases and Announcements**

- South Coast AQMD Statement on Wheeler letter to CARB re: State Implementation Plans - September 24, 2019—A statement was issued to media in response to the Administrations claims that state implementation plans were not complete and threatened sanctions.
- South Coast AQMD Statement on Administration's decision to revoke the California Waiver - September 18, 2019—A statement was issued to media in response to federal administration's revocation of the California Waiver.
- South Coast AQMD Issues Smoke Advisory Due to Horseshoe Fire Near San Jacinto - September 15, 2019—Residents were advised of unhealthy smoke conditions in the San Jacinto area due to fire.
- South Coast Issues Smoke Advisory Due to Sycamore Fire in Riverside - September 7, 2019—Residents were advised of unhealthy smoke conditions in Riverside due to fire.
- South Coast AQMD Governing Board Approves Plans to Reduce Toxic Air Pollution in Three Disadvantaged Communities - September 6, 2019 — A press release was issued highlighting the approval of the CERPs for AB 617 Year 1 communities.

- South Coast AQMD Extends Smoke Advisory Due to Tenaja Fire in Murrieta - September 6, 2019—Residents were notified of an extended advisory due to smoke conditions in Murrieta.
- South Coast AQMD Continues Smoke Advisory Due to Tenaja Fire in Murrieta - September 5, 2019—Residents were notified of an extended advisory due to smoke conditions in Murrieta.
- South Coast AQMD Issues Smoke Advisory Due to Tenaja Fire in Murrieta - September 4, 2019—Residents were advised of unhealthy smoke conditions in Murrieta.

#### **Media/Google Campaign:**

During the month of June, the *Right to Breathe* Google Ads played 3,825,114 times (Impressions), received 1,764,958 Views (counted when users watch at least 30 seconds of the ad), and were clicked 8,476 times.

#### **Social Media Notable posts:**

Tenaja Fire Smoke Advisory: 6,054 Twitter Impressions

NASA/Purple Air: 2,068 Twitter Impressions

Tenaja Fire Smoke Advisory Update (9/5): 32,564 Twitter Impressions

Tenaja Fire Smoke Advisory (9/4): 10,105 Twitter Impressions

Wildfire Tips: 3,643 Twitter Impressions

Governing Board Meeting Facebook Live Stream: 1,444 Facebook Users Reached,  
49 Reactions/ Comments/Shares

Horseshoe Fire Smoke Advisory (9/15): 1,391 Twitter Impressions

Nury Martinez EJ Conference Keynote: 1,196 Twitter Impressions

Mary Valdemar EJ Conference: 1,108 Twitter Impressions

Wheeler Letter Response: 1,343 Twitter Impressions

Quemetco Resource Fair: 1,151 Twitter Impressions



## **OUTREACH TO COMMUNITY GROUPS AND FEDERAL, STATE, AND LOCAL GOVERNMENTS**

Field visits and/or communications were conducted with elected officials or staff from the following cities:

Alhambra	Huntington Beach	Rancho Cucamonga
Anaheim	Indio	Riverside
Arcadia	Irvine	Rosemead
Azusa	La Cañada Flintridge	Santa Ana
Banning	Jurupa Valley	San Bernardino
Beaumont	Laguna Niguel	San Dimas
Big Bear	La Puente	San Gabriel
Bradbury	La Verne	San Marino
Brea	Los Angeles	Sierra Madre
Buena Park	Menifee	South El Monte
Calimesa	Monrovia	South Pasadena
Coachella	Monterey Park	Temple City
Colton	Mission Viejo	Tustin
Cypress	Newport Beach	Upland
Diamond Bar	Ontario	Walnut
Duarte	Pasadena	West Covina
Fontana	Placentia	Yucaipa
Fountain Valley	Pomona	

Visits and/or communications were conducted with elected officials and/or staff from the following state and federal office.

- |  |  |
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| <ul style="list-style-type: none"><li>• U.S. Senator Dianne Feinstein</li><li>• U.S. Senator Jeff Merkley</li><li>• U.S. Representative Ken Calvert</li><li>• U.S. Representative Gil Cisneros</li><li>• U.S. Representative Judy Chu</li><li>• U.S. Representative Mike Levin</li><li>• U.S. Representative Alan Lowenthal</li><li>• Speaker of the U.S. House of Representatives Nancy Pelosi</li><li>• U.S. Representative Harley Rouda</li><li>• U.S. Representative Norma Torres</li><li>• Senator Richard Roth</li></ul> | <ul style="list-style-type: none"><li>• Senator Susan Rubio</li><li>• Senator John Moorlach</li><li>• Senator Anthony Portantino</li><li>• Senator Susan Rubio</li><li>• Senator Ling Ling Chang</li><li>• Assembly Member Eduardo Garcia</li><li>• Assembly Member Chris Holden</li><li>• Assembly Member Cottie Petrie-Norris</li><li>• Assembly Speaker Anthony Rendon</li><li>• Assembly Member Luz Rivas</li><li>• Assembly Member Blanca Rubio</li></ul> |
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Staff represented South Coast AQMD and/or provided updates or a presentation to the following governmental agencies and business organizations:

Cabazon Band of Mission Indians  
California Air Resources Board  
California Department of Transportation  
Chino Government Advisory Committee Meeting  
Chino Public Water District  
Coachella Valley Association of Governments  
Coachella Valley Environmental Task Force  
City of Colton Public Utilities  
Department of Toxic Substances Control  
Electric Vehicle Association of Southern California  
Gateway Council of Governments  
Lake Arrowhead Communities Chamber of Commerce  
Los Angeles County Department of Public Works  
Newport Beach Chamber of Commerce  
Orange County Council of Governments  
Orange County Business Council  
Omnitrans, San Bernardino  
Pasadena Chamber of Commerce  
Riverside Public Utilities  
San Manuel Band of Mission Indians  
San Bernardino Area Chamber of Commerce  
San Bernardino County Transportation Authority  
San Bernardino International Airport  
San Gabriel Valley Economic Partnership  
San Gabriel Valley Council of Governments  
San Gabriel Valley City Managers Association  
South Pasadena Chamber of Commerce  
Southern California Association of Governments  
Riverside Transit Agency, Transportation Now, Beaumont  
Valley Industry Commerce Association  
Yucaipa Chamber of Commerce

Staff represented South Coast AQMD and/or provided updates or a presentation to the following community and educational groups and organizations:

Alliance for A Healthy Orange County  
Beaumont Historical Society  
Cal Poly Pomona  
California School Board Association  
Children's Hospital of Orange County  
City of Hope, Duarte  
Fontana "Noon" Rotary  
Healthy African American Families  
Huntington Beach Union High School District  
Jurupa Valley Unified School District  
La Canada Flintridge for Healthy Air  
Latino Health Access Alliance for Healthier Orange County  
Mobility 21  
Orange County Environmental Justice  
Orange County Health Care Agency  
Pasadena Public Library  
Reach Out, Jurupa Valley  
Redlands High School  
Rim of the World Unified School District  
Riverside Resilience  
Taking Responsibility and Control Neighborhood Watch Committee, City of Industry  
University of California, Riverside, Center for Environmental Research & Technology  
University of California, Irvine

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BOARD MEETING DATE: November 1, 2019

AGENDA NO. 14

REPORT: Civil Filings and Civil Penalties Report

SYNOPSIS: This reports the monthly penalties from September 1, 2019 through September 30, 2019, and legal actions filed by the General Counsel's Office from September 1 through September 30, 2019. An Index of South Coast AQMD Rules is attached with the penalty report.

COMMITTEE: Stationary Source, October 18, 2019, Reviewed

RECOMMENDED ACTION:  
Receive and file.

Bayron T. Gilchrist  
General Counsel

BTG:ew

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There are no Civil Filings for September 2019

**Attachments**

September 2019 Penalty Report

Index of South Coast AQMD Rules and Regulations

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
General Counsel's Office**

**September 2019 Settlement Penalty Report**

**Total Penalties**

Civil Settlements:	\$257,126.86
MSPAP Settlements:	\$17,450.00
Hearing Board Settlements:	\$25,000.00

**Total Cash Settlements: \$299,576.86**

**Total SEP Value: \$0.00**

**Fiscal Year through 9 / 2019 Cash Total: \$8,352,439.86**

**Fiscal Year through 9 / 2019 SEP Value Only Total: \$0.00**

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
<b>Civil Settlements</b>						
187165	ALTAIR PARAMOUNT, LLC	1176(e)(1) 3002(c)(1)	9/17/2019	TRB	P67810 P67813	\$12,000.00
151312	CA FLOOD PROS/STEAMATIC OF SAN DIEGO	40 CFR 60, QQQ 1403	9/4/2019	KCM	P35048	\$142,076.86
186129	CENTER LAKE HOTEL	40 CFR 60, QQQ 1403	9/18/2019	BST	P63316	\$12,000.00
800030	CHEVRON PRODUCTS CO.	402 H&S 41700	9/17/2019	TRB	P63385 P63386	\$20,000.00
800030	CHEVRON PRODUCTS CO.	2004	9/17/2019	TRB	P57893	\$4,000.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
2526	CHEVRON USA INC	463(c) 3002(c)(1)	9/24/2019	TRB	P65325	\$6,000.00
187894	GRAND SEQUOIA GLOBAL HOLDING CORPORATION	40 CFR 60, QQQ 1403	9/20/2019	NAS	P66428	\$30,000.00
186053	GRIFFITH COMPANY	403	9/20/2019	NSF	P67103 P67106	\$6,000.00
188328	JDR CONSTRUCTION	1403	9/26/2019	MJR	P67456	\$500.00
175638	KB ENVIRONMENTAL, INC.	222 1403	9/10/2019	BST	P65932	\$3,800.00
8345	LOS ANGELES VALLEY COLLEGE	203(a) 1470	9/12/2019	SH	P62177	\$5,000.00
183510	PRO CAST INDUSTRIES	203(a) 1147	9/26/2019	SH	P63712 P63713	\$5,250.00
95762	RESIDENTIAL ASBESTOS	1403	9/25/2019	DH	P65039	\$1,500.00
174711	TESORO LOGISTICS, HATHAWAY TERMINAL	1149 3002(c)(1)	9/25/2019	NSF	P60283 P67911	\$9,000.00

**Total Civil Settlements: \$257,126.86**

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
<b>MSPAP Settlements</b>						
163110	#1 MASTER AUTO REPAIR & BODY	1151(d)(1) 1171(c)(1)	9/18/2019	TF	P68553	\$1,000.00
177904	APRO LLC DBA UNITED OIL #118	461	9/13/2019	TF	P67661	\$800.00
163747	CAPISTRANO BEACH 76	461	9/13/2019	TF	P68130	\$800.00
151215	DENT MAN INC	1171(c)(1)	9/26/2019	TF	P65598	\$500.00
139654	FIRESTONE 76	461 H&S 41960.2	9/26/2019	TF	P67665	\$2,000.00
19353	GOLDEN WEST COLLEGE, COMMUNITY COLLEGE	1146.1	9/13/2019	GC	P65159	\$1,800.00
168989	H & E EQUIPMENT SERVICES	461(c)(3)(Q)	9/26/2019	GC	P65854	\$300.00
178160	MANSHADI INVESTMENT LLC, DBA LOS FELIZ C	461	9/13/2019	TF	P67208	\$375.00
180093	MY GOODS MARKET #5669	461	9/26/2019	TF	P68129	\$800.00
155601	PADILLA'S COMPANY	1403	9/26/2019	TF	P65935	\$1,200.00
131093	PREMIERE RADIO NETWORKS	203(b)	9/13/2019	TF	P66823	\$500.00
188900	SAN BERNADINO COUNTY, FLEET MANAGEMENT	203(a)	9/26/2019	TF	P65398	\$800.00
188014	SAND CANYON COUNTRY CLUB	461(c)(2)(C)	9/13/2019	TF	P65592	\$800.00
79671	SANTA ANA UNI SCH DIST, SPURGEON INTERME	222 1415	9/13/2019	TF	P68551	\$825.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
143077	SANTA ANA UNI SCH DIST/MANUEL ESQUEDA EL	1470	9/13/2019	TF	P64094	\$400.00
142727	SEGERSTROM HIGH SCHOOL	1415	9/13/2019	TF	P68552	\$550.00
153542	SHELL STN, PALM SPGS SVC, M HOFFMAN	203	9/18/2019	TF	P36749	\$800.00
65177	TECHNO COATINGS INC	13 CCR 2460	9/26/2019	TF	P68518	\$800.00
163567	TESORO SOUTH COAST CO., CAMPUS SHELL #68	461 H&S 41960.2	9/18/2019	TF	P68124	\$800.00
143624	VALLEY PLAZA UNION 76, KO AND K INC.	461 H&S 41960.2	9/18/2019	TF	P67223	\$800.00
40674	WEBB'S AUTO & TRUCK SERVICE, R. WEBB	461 H&S 41960.2	9/26/2019	TF	P67683	\$800.00

**Total MSPAP Settlements: \$17,450.00**



Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbr	Total Settlement
<b>Hearing Board Settlements</b>						
104234	MISSION FOODS CORPORATION	202 203(b) 1303 1153.1	9/26/2019	KCM	5400-4	\$25,000.00

**Total Hearing Board Settlements: \$25,000.00**

## **SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX FOR SEPTEMBER 2019 PENALTY REPORT**

### **REGULATION II - PERMITS**

- Rule 202 Temporary Permit to Operate
- Rule 203 Permit to Operate
- Rule 222 Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II

### **REGULATION IV - PROHIBITIONS**

- Rule 402 Nuisance
- Rule 403 Fugitive Dust - Pertains to solid particulate matter emitted from man-made activities
- Rule 461 Gasoline Transfer and Dispensing
- Rule 463 Storage of Organic Liquids

### **REGULATION XI - SOURCE SPECIFIC STANDARDS**

- Rule 1146.1 Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters
- Rule 1147 NOx Reductions from Miscellaneous Sources
- Rule 1149 Storage Tank Degassing
- Rule 1151 Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations
- Rule 1153.1 Emissions of Oxides of Nitrogen from Commercial Food Ovens
- Rule 1171 Solvent Cleaning Operations
- Rule 1176 Sumps and Wastewater Separators

### **REGULATION XIII - NEW SOURCE REVIEW**

- Rule 1303 Requirements

### **REGULATION XIV - TOXICS**

- Rule 1403 Asbestos Emissions from Demolition/Renovation Activities
- Rule 1415 Reduction of Refrigerant Emissions from Stationary Refrigeration and Air Conditioning Systems
- Rule 1470 Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines

### **REGULATION XX - REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)**

- Rule 2004 RECLAIM Program Requirements

**SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX  
FOR SEPTEMBER 2019 PENALTY REPORT**

**REGULATION XXX - TITLE V PERMITS**

Rule 3002            Requirements for Title V Permits

**CALIFORNIA HEALTH AND SAFETY CODE**

41700                Violation of General Limitations

41960.2             Gasoline Vapor Recovery

**CALIFORNIA CODE OF REGULATIONS**

13 CCR 2460        Portable Equipment Testing Requirements

**CODE OF FEDERAL REGULATIONS**

40 CFR 60, QQQ – Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater

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BOARD MEETING DATE: November 1, 2019

AGENDA NO. 17

REPORT: Report of RFPs/RFQQs Scheduled for Release in November

SYNOPSIS: This report summarizes the RFPs/RFQQs for budgeted services over \$75,000 scheduled to be released for advertisement for the month of November.

COMMITTEE: Administrative, October 11, 2019, Reviewed

**RECOMMENDED ACTION:**

Approve the release of RFPs/RFQQs for the month of November.

Wayne Nastri  
Executive Officer

SJ:tm

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**Background**

At its January 8, 2010 meeting, the Board approved a revised Procurement Policy and Procedure. Under the revised policy, RFPs/RFQQs for budgeted items over \$75,000, which follow the Procurement Policy and Procedure, no longer require individual Board approval. However, a monthly report of all RFPs/RFQQs over \$75,000 is included as part of the Board agenda package and the Board may, if desired, take individual action on any item. The report provides the title and synopsis of the RFP/RFQQ, the budgeted funds available, and the name of the Deputy Executive Officer/Assistant Deputy Executive Officer responsible for that item. Further detail including closing dates, contact information, and detailed proposal criteria will be available online at <http://www.aqmd.gov/grants-bids> following Board approval on November 1, 2019.

**Outreach**

In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the RFPs/RFQQs and inviting bids will be published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County's Press Enterprise newspapers to leverage the most cost-effective method of outreach to the South Coast Basin.

Additionally, potential bidders may be notified utilizing South Coast AQMD's own electronic listing of certified minority vendors. Notice of the RFPs/RFQQs will be emailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations, and placed on the Internet at South Coast AQMD's website (<http://www.aqmd.gov>) where it can be viewed by making the selection "Grants & Bids."

**Proposal Evaluation**

Proposals received will be evaluated by applicable diverse panels of technically-qualified individuals familiar with the subject matter of the project or equipment and may include outside public sector or academic community expertise.

**Attachment**

Report of RFPs/RFQQs Scheduled for Release in November 2019

**November 1, 2019 Board Meeting**  
**Report on RFPs/RFQs Scheduled for Release on November 1, 2019**

(For detailed information visit South Coast AQMD's website at  
<http://www.aqmd.gov/nav/grants-bids> following Board approval on November 1, 2019)

**RESEARCH AND DEVELOPMENT OR SPECIAL TECHNICAL EXPERTISE**

RFP #P2020-04	Issue Request for Proposal for Independent Audit Services	Jain/2804
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A financial audit of the South Coast AQMD is performed annually in compliance with the Government Code and Single Audit Act Amendments of 1996. This audit is performed by independent Certified Public Accountants, and their reports are addressed to the Governing Board. The contract with South Coast AQMD's current auditors expires on March 31, 2020. This RFP is for financial audit services for fiscal years 2020, 2021, and 2022. Funds for this contract are included in the FY 2020-21 Budget and will be requested for each of the remaining fiscal years of the contract.

**REQUEST FOR QUALIFICATIONS AND QUOTATIONS – Prequalified Vendor List**

RFQQ #QQ2020-04	Issue Request for Qualifications and Quotations to Prequalify Vendors for Computer, Network, Printer, Hardware and Software, Audio Visual Equipment.	Jain/2804
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On February 2, 2018, the Board approved a vendor list for the purchase of personal computer hardware, software, and installation services for a period of two years. The current vendor list expires on February 7, 2020. South Coast AQMD operational efficiency is dependent on staff's desktop computer systems, and many software applications (both off-the-shelf and in-house developed applications) are exceeding the capacity of the present desktop systems. New laptop and desktop computer systems, with adequate capacity to support current software applications, are needed to replace older laptop and desktop systems. These replacements are in accord with South Coast AQMD's Information Management Strategic Plan. This action is to issue a Request for Qualifications and Quotations to competitively develop a new list of vendors for computer, network and printer; hardware and software, audio visual equipment, for a two-year term. Funds for these purchases from the prequalified vendors lists are included in the FY 2019-20 Budget.

BOARD MEETING DATE: November 1, 2019

AGENDA NO. 18

REPORT: Status Report on Major Ongoing and Upcoming Projects for Information Management

SYNOPSIS: Information Management is responsible for data systems management services in support of all South Coast AQMD operations. This action is to provide the monthly status report on major automation contracts and planned projects.

COMMITTEE: Administrative, October 11, 2019, Reviewed

RECOMMENDED ACTION:  
Receive and file.

Wayne Nastri  
Executive Officer

RMM:MAH:XC:agg

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### **Background**

Information Management (IM) provides a wide range of information systems and services in support of all South Coast AQMD operations. IM's primary goal is to provide automated tools and systems to implement Board-approved rules and regulations, and to improve internal efficiencies. The annual Budget and Board-approved amendments to the Budget specify projects planned during the fiscal year to develop, acquire, enhance, or maintain mission-critical information systems.

### **Summary of Report**

The attached report identifies each of the major projects/contracts or purchases that are ongoing or expected to be initiated within the next six months. Information provided for each project includes a brief project description and the schedule associated with known major milestones (issue RFP/RFQ, execute contract, etc.).

### **Attachment**

Information Management Status Report on Major Ongoing and Upcoming Projects During the Next Six Months

**ATTACHMENT**  
**November 1, 2019 Board Meeting**  
**Information Management Status Report on Major Ongoing and**  
**Upcoming Projects During the Next Six Months**

<b>Project</b>	<b>Brief Description</b>	<b>Estimated Project Cost</b>	<b>Completed Actions</b>	<b>Upcoming Milestones</b>
Office 365 Implementation	Acquire and implement Office 365 for South Coast AQMD staff	\$350,000	<ul style="list-style-type: none"> <li>• Pre-assessment evaluation and planning completed</li> <li>• Board approved funding on October 5, 2018</li> <li>• Developed implementation and migration plan</li> <li>• Acquired Office 365 licenses</li> <li>• Implemented Office 365 email (Exchange) and migrated all users</li> <li>• Trained staff in Office 365 Pro Plus desktop software</li> </ul>	<ul style="list-style-type: none"> <li>• Implement Office 365 file storage (OneDrive for Business) and migrate users</li> <li>• Implement Office 365 internal website (SharePoint) and migrate existing content</li> </ul>
Permitting System Automation Phase 1	New Web application to automate the filing of all permit applications with immediate processing and issuance of permits for specific application types: Dry Cleaners, Gas Stations and Automotive Spray Booths	\$694,705	<ul style="list-style-type: none"> <li>• Automated 400A form filing, application processing, and online permit generation for Dry Cleaner, Automotive Spray Booth and Gas Station Modules deployed to production</li> <li>• Enhanced processing of school locations with associated parcels</li> <li>• Deployment of upgraded GIS Map integration and enhanced sensitive receptor identification and distance measurement work completed</li> </ul>	<ul style="list-style-type: none"> <li>• Continue Phase 1.1 project outreach support</li> </ul>



Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Permitting System Automation Phase 2	Enhanced Web application to automate filing process of Permit Applications, Rule 222 equipment, and registration process for IC engines; implement electronic permit folder and workflow for internal South Coast AQMD users	\$525,000	<ul style="list-style-type: none"> <li>• Board approved initial Phase 2 funding December 2017</li> <li>• Phase 2 project startup and detail planning completed May 2018</li> <li>• Business process model approved</li> <li>• Board approved remaining Phase 2 funding October 5, 2018</li> <li>• Application submittals and form filing for 23 types of equipment under Rule 222.</li> <li>• Deployment of all 23 R222 equipment forms to stage for user testing completed</li> <li>• User demo and acceptance testing of all equipment forms completed</li> <li>• Forms modified based on user comments</li> <li>• Permitting Automation Workflow/Engineer shadowing/interviewing completed</li> <li>• Workflow analysis report completed</li> </ul>	<ul style="list-style-type: none"> <li>• Development of application submittals and form filing of ten 400-E forms</li> <li>• Report outlining recommendations for automation of Permitting Workflow</li> </ul>
Information Technology Review Implementation	Complete Board requested Information Technology review and initiate work on implementation of key recommendations	\$75,000 (funding included in \$350,000 Office 365 implementation project)	<ul style="list-style-type: none"> <li>• Initiated Implementation Planning and Resource Requirements for key recommendations</li> <li>• Completed Microsoft Project Plan training for all IM Managers, Supervisors and Secretaries</li> <li>• Established internal Information Technology Steering Committee, members and charter</li> <li>• Configured and deployed Project Management software for IM team</li> </ul>	<ul style="list-style-type: none"> <li>• Office 365 deployment</li> </ul>

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Permit Application Status and Dashboard Statistics	New Web application to allow engineers to update intermediate status of applications; create dashboard display of status summary with link to FIND for external user review	\$100,000	<ul style="list-style-type: none"> <li>• Board approved funding December 2017</li> <li>• Project startup and detail planning completed</li> <li>• Development of Release 1 and application search module completed</li> <li>• User Acceptance Testing for data capture and user reports modules completed</li> <li>• Internal deployment of application for engineers to populate application related data completed</li> <li>• Enhancements requested by user completed</li> </ul>	<ul style="list-style-type: none"> <li>• Continue user data input for all open applications</li> <li>• Deployment of external application (and linked to FIND) for regulated community to view application related data</li> </ul>
Document Conversion Services	Document Conversion Services to convert paper documents stored at South Coast AQMD facilities to electronic storage in OnBase	\$83,000	<ul style="list-style-type: none"> <li>• Released RFQ October 5, 2018</li> <li>• Approved qualified vendors January 4, 2019</li> <li>• Executed purchase orders for scanning services</li> <li>• Converted over 350,000 rule administrative record documents</li> </ul>	<ul style="list-style-type: none"> <li>• Convert over 1,000,000 contract documents</li> </ul>
Replace Your Ride (RYP)	New Web application to allow residents to apply for incentives to purchase newer, less polluting vehicles	\$301,820	<ul style="list-style-type: none"> <li>• Phase 2 Fund Allocation, Administration and Management Reporting modules deployed and in production</li> <li>• Final Phase 2 user requested enhancements: VIN Number, Case Manager, Auto e-mail and document library updates deployed to production</li> <li>• Phase 3 Data Migration development work completed</li> </ul>	<ul style="list-style-type: none"> <li>• Implementation of RYP and PeopleSoft Financial integration module</li> <li>• Implementation of Electric Vehicle Service Equipment</li> <li>•</li> </ul>

<b>Project</b>	<b>Brief Description</b>	<b>Estimated Project Cost</b>	<b>Completed Actions</b>	<b>Upcoming Milestones</b>
Replace Your Ride (RZR) (continued)			<ul style="list-style-type: none"> <li>• Implementation of alternative mode of transportation in the RZR application</li> <li>• Approval of data migration</li> <li>• Phase 3 moved to production</li> </ul>	
South Coast AQMD Mobile Application Enhancements	Enhancement of Mobile application with addition of advance notification, alternative fuel station search, media integration, infrastructure for hourly migration, and performance improvements	\$100,000	<ul style="list-style-type: none"> <li>• Project charter released</li> <li>• Task order issued, evaluated and awarded</li> <li>• Code development of Phase 1, alternative fuel, media integration, and performance improvements, completed</li> </ul>	<ul style="list-style-type: none"> <li>• User Acceptance Testing of Phase 1</li> <li>• Deployment of Phase 1</li> <li>• System development in progress for Phase 2</li> </ul>
Legal Division New System Development	Develop new web-based case management system for Legal Division to replace existing system	\$500,000	<ul style="list-style-type: none"> <li>• Task order issued, evaluated and awarded</li> <li>• Project charter finalized</li> <li>• Business Process Model completed</li> <li>• Sprint 1, 2 and 3 functional and system design completed</li> <li>• Testing for NOV's and MSPAP</li> </ul>	<ul style="list-style-type: none"> <li>• User Acceptance Testing for civil, small claims and settlements</li> <li>• Sprint 4 requirements and testing: criminal, bankruptcy and non-NOV cases</li> <li>• Reports and data migration</li> </ul>
Flare Event Notification – Rule 1118	Develop new web-based application to comply with Rule 1118 to improve current flare notifications to the public and staff	\$100,000	<ul style="list-style-type: none"> <li>• Project charter released</li> <li>• Task order issued, evaluated and awarded</li> <li>• Requirement gathering and design for Sprint 1, 2, and 3 completed</li> <li>• Sprint 4, Public Portal implementation, completed</li> <li>• Major incident notification deployed</li> </ul>	<ul style="list-style-type: none"> <li>• Deployment to production</li> <li>• Refinery user training</li> </ul>

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
VW Environmental Mitigation Action Plan Project	South Coast AQMD is responsible for developing a web application for Zero-Emission Class 8 Freight and Port Drayage Truck Project & Combustion Freight and Marine Project, incentive programs, and maintaining a database that will be queried for reporting for CARB	\$355,000	<ul style="list-style-type: none"> <li>• Project charter document released</li> <li>• Task order issued, evaluated and awarded</li> <li>• Requirement gathering and design for Phase 1, application acceptance, completed</li> <li>• System development for Phase 1 completed</li> </ul>	<ul style="list-style-type: none"> <li>• Phase 1 system beta testing</li> <li>• Form creation for class 8</li> <li>• System deployment to production</li> </ul>
AQ-SPEC Cloud Platform	Develop a cloud-based platform to manage and visualize data collected by low-cost sensors	\$385,500	<ul style="list-style-type: none"> <li>• Project charter released</li> <li>• Task order issued, evaluated and awarded</li> <li>• Business requirements gathering completed</li> <li>• System Architecture, Data Storage, and Design Data Ingestion, completed</li> <li>• Data Transformations, Calculations, and Averaging, completed</li> <li>• Dashboards, Microsites, Data Migration, completed</li> </ul>	<ul style="list-style-type: none"> <li>• Release 2 User Acceptance Testing and deployment</li> </ul>

<b>Project</b>	<b>Brief Description</b>	<b>Estimated Project Cost</b>	<b>Completed Actions</b>	<b>Upcoming Milestones</b>
PeopleSoft Electronic Requisition	South Coast AQMD is implementing electronic requisition for PeopleSoft Financials. This will allow submittal of requisitions online, tracking multiple levels of approval, electronic archival, pre-encumbrance of budget, and streamlined workflow	\$75,800	<ul style="list-style-type: none"> <li>• Project charter released</li> <li>• Task order issued, evaluated and awarded</li> <li>• Requirement Gathering and System Design completed</li> <li>• System Setup and Code Development and user testing for Information Management, completed</li> <li>• System Setup and Code Development and user acceptance testing completed for AHR (Admin and Human Resources), completed</li> </ul>	<ul style="list-style-type: none"> <li>• Deployment to IM and AHR divisions</li> <li>• Integrated User Testing for other divisions</li> </ul>
Data Cable Infrastructure Installation	Vendor to install a full, turnkey data cable infrastructure system with the latest technical specifications that can provide connectivity and a broader network bandwidth	\$250,000	<ul style="list-style-type: none"> <li>• Released RFP July 12, 2019</li> <li>• Board approved October 4, 2019</li> </ul>	<ul style="list-style-type: none"> <li>• Execute contract November 12, 2019</li> <li>• Complete implementation February 28, 2020</li> </ul>
CLASS Database Software Licensing	Purchase Actian Ingres database software licensing, support and maintenance for the CLASS system for a one-year period (November 30, 2019 through November 30, 2020)	\$262,000	<ul style="list-style-type: none"> <li>• Board approved October 4, 2019</li> </ul>	<ul style="list-style-type: none"> <li>• Execute contract November 30, 2019</li> </ul>

Project	Brief Description	Estimated Project Cost	Completed Actions	Upcoming Milestones
Prequalify Vendor List for PCs, Network Hardware, etc.	Establish list of prequalified vendors to provide customer, network, and printer hardware and software, and to purchase desktop computer hardware upgrades	\$300,000		<ul style="list-style-type: none"> <li>• Release RFQQ November 1, 2019</li> <li>• Approve Vendors List February 7, 2020</li> </ul>

Projects that have been completed within the last 12 months are shown below.	
Completed Projects	
Project	Date Completed
Ingres Database Migration to Version 11	August 23, 2019
Renewal of OnBase Software Support	July 15, 2019
Telecommunications Service	July 15, 2019
AB 617 – Community Monitoring Data Display Web Application	July 9, 2019
Online filing of Rule 1415 – Reduction of Refrigerant Emissions System	June 5, 2019
South Coast AQMD Mobile Application for Android devices	May 30, 2019
Renewal of HP Server Maintenance & Support	April 30, 2019
Implementation of Enterprise Geographic Information System (EGIS) Phase II	March 11, 2019
FIND (Facility INformation Detail) upgrade	February 21, 2019
CLASS Database Software Licensing and Support	November 30, 2018
South Coast AQMD Mobile Application for IOS devices Phase I	November 2, 2018